

专利文献检索介绍之三

# 英国专利文献及其检索

中国专利局文献服务中心文献馆

## 出版说明

专利文献—信息源，被人们誉之为“智能宝库”、“发明向导”，在用之于四化、造福于人类中起着重要作用。为此，特撰编这套小册子，供广大读者参考。

该书由张云才、周竹英、霍树亚同志编写。因时间仓促、编写粗糙、水平有限，错误在所难免，希批评指正。

文献服务中心文献馆

一九八四年五月

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## 一、概况

### (一) 英国专利制度简介

英国是世界上最早实行专利制度的国家，迄今已有 360 年历史。据史料记载，1236 年英王亨利三世曾授予波尔多一个市民的色布制作技术以 15 年的垄断权。1598 年，伊丽莎白一世授予一宫廷大臣生产和销售纸牌以 21 年的垄断权，但这并不能算是专利。直到 1617 年，这种垄断权才改由政府 and 法院批准。1624 年，英国制定了专卖条例 ( Statute of Monopoly )，即“垄断法”。这是世界上公认的第一部正式而完整的专利法。是各国现行专利法最基本条款的雏型。

1852 年，英国正式成立专利局，负责审批和处理有关专利权方面事宜。从 1852 年到 1915 年期间，专利号每年从 1 号编起。因此，若要查找这一时期的专利，必须在专利号前附上年代，如：1915—№43。

从 1916 年起，英国专利改用累积流水号，从 100,001 编起，到目前为止，英国专利局共批准了 160 余万件专利。英国近年来年申请量约 4 万件，批准量约 2 万件。每年受理和批准总数居世界第五位。

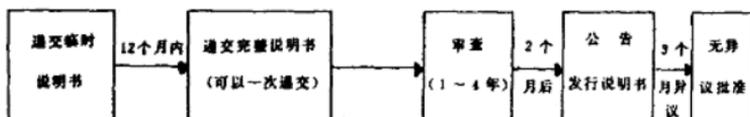
英国专利法保护对象只有发明。外观设计另有“注册外观设计法”及“外观设计版权法”给以保护。1919 年以前规定专利保护期为 14 年，1919 年改为 16 年，1977 年后再度改为 20 年。

### (二) 1949 年法和 1977 年法

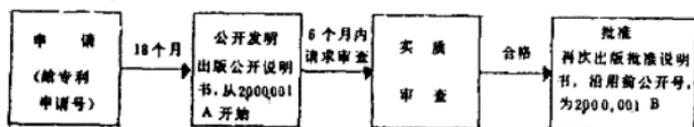
英国专利法在其发展过程中经历过多次修改。但与查找专利文献有关的只有两个法，即 1949 年法 (亦称老法 Old Law) 和 1977 年法 (亦称新法 New Law)。1977 年新法的实施，在专利审批程序、分类方法、文献出版和检索等方面与“老法”相比，都有了明显变化。因此，利用英国专利文献，必须对

49年“老法”和77年“新法”的特点有所了解。

### 1949年法 (The Patent Act 1949) 审批程序简示:



### 1977年法 (The Patent Act 1977) 审批程序简示:



从上面两个简图中可以看出1949年法和1977年法之间最大区别在于: 49年法实行“审查制”, 即申请递交后, 专利局对所有申请案都进行审查。审查后只出版一次公告说明书, 经过三个月异议期, 无异议即予批准, 专利有效期为16年。77年法实行的则是“早期公开, 请求审查制”, 即申请案提交18个月后将之公开, 此时出版公开说明书, 经实质审查批准, 再次出版批准专利说明书, 专利有效期为20年。77年新法从78年6月1日正式实施之日起, 现有专利剩余有效期超过5年者可延续到20年, 不足5年者仍按16年记。

我局收藏65年以来的英国专利说明书, 其中78年以前的都是根据49年老法出版的公告说明书。从65年980,001 --- 1,600,000号。65年以前的, 现存放在中国科技情报所重庆分所。依据77年新法出版的早期公开说明书(或称申请案说明书)从2,000,001号开始, 审查后再次出版的批准说明书我馆未收藏(其内容与公开说明书一样, 只是在公告号后用

B 表示)。

## 二、专利文献

英国专利说明书分为：1. 临时说明书；2. 完整说明书；3. 补正说明书。都由以下四部分组成：标头，文字，权利要求，附图。

标头部分：根据“老法”出版的专利说明书是将标头附在正文前面。见图 1。

从 1970 年 7 月 1,200,001 号起改出扉页标注 INID 代码。见图 2。

文字部分：主要写明发明背景，技术水平，发明基本思想。

权利要求：用严谨的法律语言，描述发明的实质内容，措词简明扼要。它是申请人对发明要求保护的范同，也是专利发生纠纷时的法律依据。

附图：如有必要须带附图，辅助说明发明构思，不要求标注实际尺寸。

下面，我们将英国专利说明书具体分述于下：

### (一) 临时说明书 (Provisional Specification)

由于英国专利法规定，先申请者可以获得发明优先权，申请人可先递交一份无权利要求的临时说明书，以尽快获得发明优先权。在三周之内，专利局即将申请人，发明者姓名，发明题目，申请号，本国国名及取得优先权的日期按字顺一起发表在专利公报上。但专利局并不依此进行审理。1962 年不再出版此说明书，但仍保留此制度。

英国是世界上唯一采用临时说明书制度的国家。只要发明初具规模，就可提交申请。而发明仍可继续改进，待取得进展之后再提交包含有新的进展和权利要求的申请，如此反复，12 个月之内不受限制。最后合并以前的所有结果，形成



## PATENT SPECIFICATION

NO DRAWINGS

980,002

Inventor: FUKUJIRO FUJIKAWA

Date of Application and filing Complete Specification: Oct. 9, 1962.

No. 38182/62.

Complete Specification Published: Jan. 13, 1965.

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Index of acceptance:—(C2 C2D11; A5 B(2R2, 2S))

Int. Cl.:—C07c//A 61 k

## COMPLETE SPECIFICATION

*o*-Hydroxyphenylaminomethanesulphonate Salts and production thereof

We, SUMITOMO CHEMICAL COMPANY, LTD., of 15, Kitahama-5-chome, Higashi-ku, Osaka, Japan, a corporation organized under the laws of Japan, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to *o*-hydroxyphenylaminomethanesulphonate salts of alkali metals, alkaline earth metals, ammonium, or organic bases, which are at least partially soluble in water. It is also concerned with a process for preparing such salts by reacting *o*-aminophenol with a corresponding hydroxymethanesulphonate salt.

The present *o*-hydroxyphenylaminomethanesulphonate salts are new compounds and are found to be very useful for therapeutic purposes, particularly tuberculosis, having low toxicity and excellent antibacterial activity. The strain of human type tubercule bacilli, H<sub>3</sub>R<sub>2</sub>, is inhibited at minimum inhibitory concentration (M.I.C.) of 6.25 mg/ml of the present compounds in Dubos' medium, while M.I.C. of thiothione was 25 mg/ml in the simultaneous test. The activity does not drop so significantly even in the presence of serum; M.I.C. of the compounds in 100% serum is about 12.5 Mg/ml. The clinical experiment shows that the present compounds cause tubercule bacilli to disappear in excreta of patients with advanced tuberculosis at a rate higher than other drugs. In addition, the present compounds work synergistically with other drugs, the disappearance rate of tubercule bacilli is improved to about 40% by combined doses of cycloserine and the present compounds, and up to 50-60% by combined doses of cycloserine, kanamycin and the present compounds, as compared with the rate lower than 10% by doses of cycloserine only.

A process for producing the said salts is represented by the following reaction equation:



Although the above equation is shown with reference to sodium salt as an example, the process is not limited to the salt, but may be similarly applied to other alkali metal salts, alkaline earth metal salts, ammonium salt and organic base salts, so far as the formed salt is at least partly soluble in water.

According to the process of the present invention, it is preferred that *o*-aminophenol is reacted with a hydroxymethanesulphonate salt in a solvent such as water or dilute aqueous alcohols. Usually, the reaction proceeds at the refluxing temperature of the solvent employed. After completing the reaction, the reaction product was separated from the solvent and purified by recrystallization or reprecipitation.

To employ these compounds for treatment of tuberculous patients, for example, tablets containing each 0.25 gram of the compound, ordinarily sodium or potassium *o*-hydroxyphenylaminomethanesulphonate, are made with starch and lactose as diluents.

[Price 4s. 6d.]

图 1 专利说明书 (ACT 1949)

- (21) Application No 7941712  
 (22) Date of filing 4 Dec 1979  
 (30) Priority data  
 (31) 7811930  
 (32) 7 Dec 1978  
 (33) Netherlands (NL)  
 (43) Application published  
 2 Jul 1980  
 (51) INT CL.  
 B26B 18/04 // 18/42  
 (52) Domestic classification  
 B4B 41 42 48  
 (56) Documents cited  
 Name  
 (56) Field of search  
 B4B  
 (71) Applicants  
 N. V. Philips'  
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 Emmelseind 22,  
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 The Netherlands,  
 Holland.  
 (72) Inventors  
 Eduard Willem Tietjens  
 (74) Agents  
 R. J. Booth

(54) Cutting unit for a dry shaving apparatus

(57) The movable cutting unit of a dry shaver comprises a plurality of cutters 23 and a corresponding plurality of hair-pulling blades 25 each arranged in front of one of the cutters for movement therewith relative to the shaver, and each slidable on the cutter so as to be movable relative thereto for its hair-pulling action. In order to increase the distance through which the hairs are pulled up from the skin by blades of a given thickness, the edge 32 of each hair-pulling blade which contacts the hairs is formed on a locally forwardly projection portion 31 of the blade.

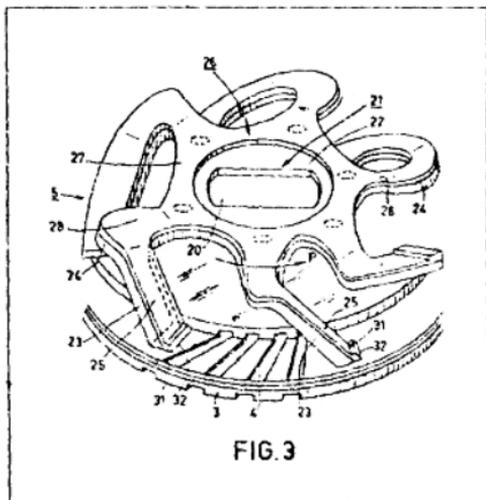


FIG. 3

REPRINTED BY PERMISSION FOR PRIVATE USE ONLY. NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. UNLESS OTHERWISE INDICATED IN WRITING BY THE PUBLISHER, ALL RIGHTS ARE RESERVED. THIS DOCUMENT IS UNCLASSIFIED.

GB 2 036 630 A

图 2. 英国专利申请说明书(ACT1977)

一个完整说明书。

## (二) 完整说明书 (Complete Specification)

在临时说明书提交一年之内，最后经过修改、补充，再次递交的为完整说明书。因此，1978年以前，英国说明书中常有两个申请日期，专利局只对完整说明书进行实质审查。

1977年新法实行“早期公开，请求审查制”。提交申请案18个月后出版的完整说明书称为公开说明书 (Application Specification)。改从2,000,001号编起并冠以“A”表示公开。经过实质审查批准再次出版的说明书为批准说明书 (Granted)，沿用原公开号，冠有“B”表示批准。

## (三) 补正说明书 (Amended Patent)

申请人对原专利进行补充、修正的说明书，专利号与原专利相同。1978年实行新法后停止了出版。

## 三、检索工具书

### (一) 专利公报 (Official Journal (Patents))

《专利公报》是英国专利局官方出版物 (见图3)。周刊，创刊于1854年，每周三出版一期。报道专利局受理审批专利申请案各种业务。如：本周批准的专利，撤销的专利，公开的专利等。78年6月1日实行新法后，从4663期起，1949年法和1977年法执行情况同期分别加以报道。

英国《专利公报》的特点之一是快，比如可从专利公报的申请目录上得知三星期前的申请情况。而从申请专利目录中又可预知六个星期后即将登载的专利。特点之二是将本周公开和批准的专利号按申请人、分类、公开号或批准号分别对应刊载，便于读者从各个不同角度进行检索。

1977年新法实施后，公报刊登内容与文献检索有关的主要有以下四部分：

#### 1. 专利局有关通知 (Official Notices)

Application Numbers  
8333334—8333805

Serial Numbers  
2122861—2123280

Number 4952  
25 January 1984

# Official Journal (Patents)



Price £3.70

## Contents

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| <b>PROCEEDINGS UNDER THE<br/>PATENTS ACT 1977</b>   |   |
| 243 Applications for Patents<br>Laid by Name of Applicant   | <b>PROCEEDINGS UNDER THE<br/>PATENTS ACT 1949</b>   |
| 251 Applications Withdrawn, Taken to be<br>Withdrawn, Treated as having been<br>Withdrawn, Refused or Treated as<br>having been Refused | 299 Amended Specification Published                 |
| 252 Applications Published under Section<br>18(1)   | 299 Amendment Sheets Printed                        |
| 271 Number Index of Applications<br>Published   | 299 Proceedings under Section 29                    |
| 279 Name Index of Applications<br>Published   | 299 Patent Revoked                                  |
| 294 Patents Granted   | 300 DESIGNS   |
|   | 500 SCIENCE REFERENCE LIBRARY                       |

图 3 英国《专利公报》封面

2. 1977年法执行情况 (Proceedings under the Patents Act 1977)

① 专利申请案 (Applications for Patents)

按申请人名字顺序排列, 注有发明题目、申请年代、申请号。见图4。

依据这一部分可了解近期的新发明。

② 撤销申请案 (Applications Withdrawn)

③ 早期公开申请案 (Applications Published)

按英国分类标题类号顺序排列。再按此顺序给每件公开案以专利号, 同时出版相应公开说明书全文。见图5

④ 申请号——专利号索引 (Number Index of Applications Published) 见图6

Number Index of Applications Published

2122851—2122880

This index is a concordance between the application and serial numbers of the applications published, the application numbers being arranged in number order.

|         |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 8233676 | 2122121 | 8226249 | 2122963 | 8312679 | 2123163 | 8315348 | 2122861 |
| 8208553 | 2122873 | 8227768 | 2123211 | 8312666 | 2123041 | 8315559 | 2123203 |
| 8209394 | 2123083 | 8227881 | 2123212 | 8312766 | 2122987 | 8215961 | 2123113 |
| 8209415 | 2122866 | 8230922 | 2123012 | 8312839 | 2123002 | 8315613 | 2123231 |
| 8211971 | 2123130 | 8230923 | 2123073 | 8312844 | 2122861 | 8315639 | 2122917 |
| 8215777 | 2123214 | 8231495 | 2123064 | 8312859 | 2123253 | 8315648 | 2123192 |
| 8216228 | 2123697 | 8232186 | 2123194 | 8312950 | 2122927 | 8315695 | 2122257 |
| 8216546 | 2123105 | 8232276 | 2123256 | 8312990 | 2123191 | 8315700 | 2122885 |
| 8216628 | 2122164 | 8233509 | 2122941 | 8313045 | 2123053 | 8315801 | 2123044 |
| 8216884 | 2123048 | 8233588 | 2122867 | 8313068 | 2123152 | 8315806 | 2123179 |
| 8217061 | 2123190 | 8234823 | 2123035 | 8313078 | 2123095 | 8315871 | 2122989 |
| 8217176 | 2123197 | 8235686 | 2122200 | 8313086 | 2122978 | 8315822 | 2122990 |
| 8217223 | 2122874 | 8235912 | 2122054 | 8317119 | 2122935 | 8315830 | 2122963 |

图6. 申请号——专利号

⑤ 公开说明书人名索引 (Name Index of Applications Published) 见图7

⑥ 批准专利 (Patents Granted)

将经过实质性审查批准的专利号(不连续)再次公告的同时, 出版对应的专利说明书。编号形式为GB 2,000,001 B.

## Name Index of Applications Published

This index includes as separate entries the names of applicants and inventors. When an inventor is also the applicant, the applicant's name only will appear in the index. Serial numbers assigned to the applications and the Headings of the Classification Key to which the applications are classified are associated only with the applicant's names. The names of inventors are cross-referenced to those of their respective applicants. The names within parentheses under the applicant's entries are those of the inventors (other than when also an applicant).

|   |  |
|---|--|
| Abbott Laboratories (USA-Illinois) (Anderson) | Austel V. See Thomas, Dr Karl Gesellschaft mit   |
| GIB U.S. 2123145                              | beschränkter Haftung (FR Germany)                |
| Abe, T See Kōriyōroku Photo Industry Co Ltd   | Australasian Training Aids (Pty) Ltd (Australia- |
| (Japan)                                       | New South Wales) (Knight) FIC 2123125            |
| Abraham, Louis GIN U.S. 2123182               | Avar, L See Sandoz Ltd (Switzerland)             |
| Abraham, A See Unilwave Inc (USA-New York)    | Avdel Limited (United Kingdom) (Clarke)          |
| Achelponl, F See Windmoller and Holcher (FR   | (Savage) BSI F2H 2123041                         |
| Germany)                                      | Avions Marcel Dassault-Breguet Aviation          |
| AES Engineering Limited (United Kingdom)      | (France) (Léonard) FIC F1B 2123090               |
| (Garrett) F2E U.S. 2123098                    | AVL Gesellschaft für Verbrennungskraft-mas-      |
| Agütera, R See Chiso Chimie (France)          | chinen und Messtechnik mbH Prof Dr h c hies      |
| Agut EA (Spain) (Soveri) HIN 2123212          | Lad (Austria) (Kunzfeld)                         |
| Aiba, T See Takeda Chemical Industries Ltd    | GIN GIA U.S. 2123151                             |
| (Japan)                                       |  |

## 图 7 申请说明书人名索引

如果了解一件公开申请案是否批准为专利，就要在该公报出版约 1 年半后，注意《公报》的这部分。

- ⑦有关法律条款执行情况
- ⑧EPO批准专利（指英国专利局受托办理的）
- ⑨中止专利（Patents Ceased 因不交费）

## 3. 1949年法执行情况（Proceedings Under the Patents

Act 1949）

- ①专利申请案公告
- ②补正专利出版情况
- ③弃权申请案
- ④认可完整说明书公告
- ⑤已登记的专利
- ⑥有关法律条款执行情况
- ⑦到期专利
- 4. 其它
- ①设计 (Designs)

# Proceedings under the Patents Act 1977

## Applications for Patents

18-19 December 1983

|             |                 |
|-------------|-----------------|
| 15 December | 8333384-8333497 |
| 18 "        | 8333498-8333670 |
| 17 "        | 8333671-8333704 |
| 19 "        | 8333705-8333805 |

The number shown alongside the details of each application is that allotted to the application and should be quoted in all correspondence concerning proceedings in respect of that application up to the grant of a patent. When the application is published under Section 16(1) of the Act, it will be assigned a seven-figure serial number but this should be used only when seeking to identify printed copies of the specification and their abstracts and to make enquiries concerning entries in the Register of Patents.

Where an application is claiming priority under Section 8 or is requesting an early date, details of the earlier application are shown in brackets. For applications derived from an application under the Patent Cooperation Treaty or converted from a European Patent application, the application and publication numbers of the international applications are also shown.

Copies of these applications will not be available for inspection or purchase until the date of publication under Section 16(1) to be advertised in a subsequent issue of this Journal.

The following is a 'dummy' entry for this index and identifies the component parts of a typical entry by INID (Internationally agreed Numbers for the Identification of Bibliographic Data) codes.

(71) GLE SYSTEMS INC (54) Interchangeable  
injection units (51) B66J7/22, 7/26  
1974 (33) US) 807000

|  |  |
|--|--|
| ADNOVIM AG Dosaged application of acetate<br>8333056   | ATOMIC ENERGY OF CANADA LTD Off-axis<br>electron gun (418445 23 Dec 1982, CA)<br>8333742                               |
| AEROTA PACKING CO LTD Cast articles<br>8333492   | AULT & WYBORG LTD Dispensing head<br>8333583   |
| AG (PATENTS) LTD Liquid dispensing apparatus<br>8333602  | AYRES W B Precision model<br>8333486   |
| ALBRIGHT & WILSON LTD Flocidal water<br>treatment<br>8333787   | BAMBER, D R Room temperature vulcanising<br>8333664  |
| ALFORD, S C Ramoving being from metal<br>8333691   | BARNES, M F Wire fence lays<br>8333707   |
| AMERPACE CORPORATION Apparatus for<br>making tool (455887 7 Jan 1982, US)<br>8333559   | BARON, W B F Anti-fouling material<br>8333640  |
| AMPEX CORPORATION Digital recording and<br>reproduction apparatus (30 Jan 1981)<br>1171428 1 Feb 1980, US) 8333780                     | BAXI PARTNERSHIP LTD Gas-fired appliances<br>8333579   |
| ANALOG DEVICES INC Temperature compensa-<br>tioned electronic circuit (152246 2 Jan<br>1983 US) 8333542                                | BAYEN AG Polymerisation of thiopyran<br>(120404 27 Dec (2) 1982, DE) 8333530   |
| ANDRO ADIATOR PRODUKTE INC Rotary<br>actuator with cooling and lubrica-<br>tion means (11 Oct 1981, (added to Nov<br>1980, US) 8333782 | --- Chromatic and substrate camera<br>(224804 24 Dec 1982 and 10 June 1983,<br>DE) 8333740                             |
| ANDREW, S See Duckman, D   | BERKETT CORPORATION, H W Automatic air<br>sulfur burner (37853 8 May 1982, US)<br>(IPC: US 83/0066-WG 83/0068) 8333586 |
| ANGELLO, G and EMBLEY, F W M Water<br>emulsions 8333122  | BERKHAM GROUP PLC Compounds<br>8333504   |
| ASAHI KASEI KOGYO KK Type-removing dig-<br>ging cord 8333741   | --- Tri- and tetra-cyclic compounds 8333502  |
|  | BERKHAM WULFING GmbH & CO KG<br>KOMMANDITGESELLSCHAFT See<br>Bertham-Wulfig GmbH & Co KG                               |

图 4. 专利申请案样页

## Applications published under Section 16(1)

2102961—2102960

The applications in the following index are published as from the date of publication of this issue of the Journal and printed copies thereof, together with their abstracts and bibliographic and classification data, are now available for sale at £125 per copy (including postage) from Sale Branch, The Patent Office, Coppenhall Road, Kent BN1 1RJ, (and for a limited period only by personal callers, from Southampton Buildings, London WC2A 1AY).

In the index, for each entry, the number shown first is the Serial Number given to an application on publication and by which it will be recorded in the Register of Patents. Printed copies of each application will also be identified by the serial number, preceded by the country code 'GB' and followed by the document type 'A', and this identification should be quoted in full when ordering copies. However for all proceedings up to grant of the patent, the application number originally assigned should continue to be used. Following the serial number is the application number and date of filing and on successive lines the name of the applicant, title of the application, priority details (where applicable) and classification information in the case of an application derived from an application under the Patent Co-operation Treaty or converted from a European Patent; the date of filing in the case of filing preceded by the international application and the priority details are followed by the international application and publication numbers and the date of publication of the international application. The classification information occurs firstly in the Headings of the Classification key in which the application is classified and secondly the symbols of the third edition of the International Patent Classification assigned to the application. The Serial Numbers have been grouped in the order of the primary Headings of the Classification key assigned, and the grouping is indicated by marginal heading references. Cross references for the purpose of supplementary or secondary Headings assignments are also included.

The following is a 'dummy' entry for the index and identifies the component parts of a typical entry by INTD (Internationally agreed Number) for the identification of bibliographic data) codes.

(11) 2902960 (71) (2902960) (22) 1 July 1979  
(72) GLE SYSTEMS INC  
(54) Interchangeable injection units  
(51) B64D 7/22 (22) 27 Sept 1978 (33) US  
(32) BVA (33) Int Cl: B29F 1/00

A1B

A1B—cont

2122861 (8310048) 7 June 1983  
VAN DER LELY, C NV  
(NETHERLANDS)  
Soil cultivating implements  
8302351 31 June 1982 NL  
A1B Int Cl: A01B 35/00  
2122862 (8320370) 1 Dec 1982  
INTERNATIONAL HARVESTER  
FRANCE (FRANCE)  
Variable width mould-share plough  
8320655 3 Dec 1981 FR  
[PCT/FR 82/0205-WO 83/0385] P June  
1983  
A1B Int Cl: A01B 15/34

2122863 (8317267) 24 June 1983  
NIPPON PLECT MELLING CO LTD  
(JAPAN)  
Process of manufacturing foam for  
bakers and power products  
8317100 21 June 1982 JP  
A1B Int Cl: A12D 2/00

A1C

A1E

2122864 (8304435) 21 March 1983  
ELECTRONA LIMITED (UNITED  
KINGDOM)  
Variable area silver  
8304522 22 Dec 1981 US  
A1C Int Cl: A24D 2/04

2122865 See entry under Heading A4K

A1B

2122867 (8323545) 1 April 1983  
MOLINS PLC (UNITED KINGDOM)  
Folding device for filter cigarettes  
[Derived from application No 8311976  
under Section 16(4)]  
782345 8 April 1982 GB  
A1C Int Cl: A24C 6/00

2122868 (8302220) 26 Jan 1983  
BIP CHEMICAL LIMITED (UNITED  
KINGDOM)  
Manufacture of animal feed-stuffs works  
8302922 1 Feb 1982 GB  
A1B Int Cl: A23K 1/20

2122869 (8314925) 31 May 1983  
STRAW FEED SERVICES LIMITED  
(UNITED KINGDOM)  
Improvements in sward treatment  
8319645 7 July 1982 GB  
A1B Int Cl: A23K 1/00

2122869 (8313609) 10 June 1983  
STROU, ENI IUS & FLEW ARE  
Erection of bridge  
8313612 14 June 1982 US  
A1C Int Cl: A24E 2/14

图 5. 早期公开申请案样页

②科学图书馆 (Science Reference Library)

③专利事务广告

从《公报》内容看，英国专利制度正处于一个“新法”逐渐取代“老法”的过度阶段。

(二)《英国专利分类表》(Classification Key)

英国分类是一种逐渐趋向于国际分类的分类体系(参见附录一)，它的分类层次是：

8个部 (Section) A—H

25个组 (Group)

40个类 (Division)

401个标题 (Heading)

50,000多个细目 (Class Mark)

1979年以前分类表分别附在《英国专利文摘》的各分册第一部分“A”中，1979年以后有一套按分册出版分类表，要查某一年代的专利必须采用相应年代出版分类表。

(三)《英国专利分类简表》(中文版)

1974年由科技情报所编译出版，只确定到三级类。如CIA，旨在帮助读者迅速确定分类表中往下细分的辅助工具书。见图8。

- C 化工、冶金
- C1 无机化学；玻璃；肥料；爆炸物
- A 无机物
- B 肥料等
- C 水和污水等的处理
- D 炸药及烟火术
- H 水泥、石料、陶器等
- J 耐火材料；陶瓷
- K 废渣等的处理和利用
- M 玻璃和透明塑料
- N 氟化硅等

图8. 《英国专利分类简表》

(四) 《英国专利分类表索引》 (Reference Index to the Classification Key)

1927年不定期出版,作用同分类简表相同,只确定到标题。此《索引》由三部分组成:①关键词(Catchwords)、②分类表结构(Structure of the C. K)③标题定义(Heading of the C. K)。见图9。

## REFERENCE INDEX TO THE CLASSIFICATION KEY

### CONTENTS

- PART 1—CATCHWORDS indicating under which of the Headings of the Classification Key subject matter is classified.
- PART 2—STRUCTURE of the Classification Key, and UNITS in which the Key is published.
- PART 3—DEFINITIONS of the Headings of the Classification Key.

*(see Explanatory Notes overleaf)*

图9. 英国专利分类表索引

通常利用《分类表》不好确定标题时，可利用关键词下列出相关标题、类号、名称确定。

例如：查找一种“阅读用支架”，先找出关键词“支架”（Stand），即可定出类号为A 4 H，一般来说，读者熟悉自己的专业，用此表定类比较方便。

总而言之，《分类表》、《简表》、《分类表索引》三种工具书都是起确定英国分类号的作用，后两种可根据具体情况具体选用。但要得到细分类号，最终还要通过《分类表》继续查阅，直到得出细分类号。

#### **(五) 《英国专利说明书摘要》 (Abridgments of Patents Specification)**

1855年创刊，在专利说明书公布7—8个月后出版，是工具书中最重要的一种。1978年以前，分25个分册出版，各分册累积达25,000个专利号时出版一次。1979年以后，仍分为25个分册出版一次，但按年代顺序一年出版一次。见图10。

《摘要》主要包括五部分内容：

##### **1. 使用注意事项**

##### **2. 分类详表**

- ① 分类表使用方法
- ② 分类概要A—H
- ③ 本分册所属各类标题
- ④ 分类变化
- ⑤ 细目类表

##### **3. 主题索引 (Subject-matter Index)**

每个主题下详列按细目顺序排列的专利号。同一细目的专利号按大小顺序排列。见图11—I、II。

##### **4. 名字索引 (Name Index)**

这是由已知申请者名称查阅专利号的一个索引。按申请