

IPC

国际专利分类表

Section A

农·轻·医

科学技术文献出版社



国际专利分类表A农、轻、医

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出 版 说 明

1954年12月19日英、法、意、荷等15个国家在巴黎签定了“国际专利分类欧洲协定”(European Convention on the International Classification of Patent for Invention),由此而建立了国际专利分类体系。第一版国际专利分类表于1968年9月1日生效。第二版于1974年7月1日起生效。为进一步在世界范围内推广采用国际专利分类法,继欧洲协定之后,1971年3月于法国斯特拉斯堡又签定了一项“关于国际专利分类法的斯特拉斯堡协定”(Strasbourg Agreement concerning the IPC)。

负责研究修订国际专利分类法的部门是由世界知识产权组织(WIPO)和欧洲理事会双方代表组成的联合专门委员会(The Joint ad hoc Committee of the Council of Europe and WIPO on the IPC)。规定每五年修订一次。

现在,大多数实行专利制度的国家已相继采用国际专利分类法,有些国家是与本国的分类法并用。因此,《国际专利分类表》是检索国外专利资料的重要工具。

过去只出版过译至二级类目的中文简表。为贯彻毛主席关于“洋为中用”的指示,根据广大读者查找国外专利资料的需要,我们组织有关单位翻译了第二版《国际专利分类表》。此版本各国专利局于1975年1月1日起开始采用。原版是 Morgan-Grampian 公司出版的法定正式文本的英文版。

全书按该分类表A到H八个部分成八个分册出版。各分册按次为: A. 农、轻、医; B. 各种作业和设备; 运输; C. 化工、冶金; D. 纺织、造纸; E. 建筑、采矿; F. 机械、照明、加热、武器、爆破; G. 物理; H. 电学。

本书是A部,供检索农、林、牧、食品、烟草,个人用品与家庭用品,医疗、保健和文体用品等方面专利资料用。参加本分册翻译工作的有中国农业科学院等单位。在此谨向大力协助和积极支持此分册出版工作的上述单位表示感谢。

由于水平所限,在编辑工作中定会有许多错误或不妥之处,敬请读者批评指正。

编 者

1979年7月

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农 业

A 01 农业; 林业; 畜牧业; 打猎; 诱捕; 捕鱼

A 01 B 农业或林业的整地 (为播种、种植或施肥而起墙、挖坑或平墙、填坑入 A 01 C 5/00; 工程目的的整地入 E 01, E 02, E 21)

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专用部件	13/00, 17/00
零件	15/00
耙	
一般结构	19/00, 21/00
专用部件	25/00
零件	23/00
作为犁或耙等使用的机具	7/00
其他机械	27/00至45/00,
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AGRICULTURE

A 01 AGRICULTURE, FORESTRY; ANIMAL HUSBANDRY, HUNTING; TRAPPING; FISHING

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1/04	· · · 带齿的
1/06	· 锄; 手推中耕器
1/08	· · · 带单铲刀的
1/10	· · · 带双铲刀或多铲刀的
1/12	· · · 带齿铲刀
1/14	· · · 只带齿
1/16	· 拔草工具
1/18	· · · 钳式工具
1/20	· 不同类型手动工具的组合
1/22	· 将铲刀或类似的工作部件装上手柄; (一般工具的手柄或其附件 B 25 G); 可更换或可调整的铲刀
1/24	· 处理草地或草坪用的
3/00	装有固定式犁铧的犁
3/02	· 人力驱动的犁
3/04	· 畜力牵引的犁
3/06	· · · 不能双向使用的, 即在回程时无法翻耕邻行的
3/08	· · · 摆杆步犁
3/10	· · · 桁架式犁铧型; 单轮犁
3/12	· · · 双轮犁
3/14	· · · 架式犁
3/16	· · · 可双向使用的, 即在回程时能翻耕邻行的
3/18	· · · 转壁双向犁
3/20	· · · 平衡犁
3/22	· · · 装有可双向使用、平行安装犁体的
3/24	· 拖拉机牵引犁 (3/04 优先)
3/26	· · · 不能双向使用的
3/28	· · · 双向犁
3/30	· · · 转壁双向犁

1/00	Hand tools (edge trimmers for lawns A 01 G 3/06)
1/02	· Spades; Shovels
1/04	· · · with teeth
1/06	· Hoes; Hand cultivators
1/08	· · · with a single blade
1/10	· · · with two or more blades
1/12	· · · with blades provided with teeth
1/14	· · · with teeth only
1/16	· Tools for uprooting weeds
1/18	· · · Tong-like tools
1/20	· Combinations of different kinds of hand tools
1/22	· Attaching the blades or the like to handles; (handles for tools, or their attachment, in general B 25 G); Int rechargeable or adjustable blades
1/24	· for treating meadows or lawns
3/00	Ploughs with fixed plough-shares
3/02	· Man-driven ploughs
3/04	· Animal-drawn ploughs
3/06	· · · without alternating possibility, i. e. incapable of making an adjacent furrow on return journey
3/08	· · · Swing ploughs
3/10	· · · Trussed-beam ploughs; Singlewheel ploughs
3/12	· · · Two-wheel beam ploughs
3/14	· · · Frame ploughs
3/16	· · · Alternating ploughs, i. e. capable of making an adjacent furrow on return journey
3/18	· · · Turn-wrest ploughs
3/20	· · · Balance ploughs
3/22	· · · with parallel plough units used alternately
3/24	· Tractor-drawn ploughs (3/04 takes precedence)
3/26	· · · without alternating possibility
3/28	· · · Alternating ploughs
3/30	· · · Turn-wrest ploughs

3/32 . . . 平衡犁
3/34 . . . 装有可双向使用的平行安装犁体的
3/36 . 拖拉机悬挂犁
3/38 . . 不能双向使用的
3/40 . . 双向犁
3/42 . . . 转臂双向犁
3/421 . . . 带有单体式上、下拉杆悬挂架的
3/426 . . . 带有由两个以上构件组成的上、下拉杆悬挂架的
3/44 . . . 装有双向使用的平行安装的犁体的
3/46 . 半悬挂犁
3/50 . 自走式犁
3/52 . . 用三轮或多轮的, 或用腰带的
3/54 . . . 不能双向使用的
3/56 . . . 双向犁
3/58 . . 两轮的
3/60 . . . 双向犁
3/62 . . . 平衡犁
3/64 . 绳索犁; 绳索犁系统的指示或信号装置
3/66 . . 装有由悬挂在犁上的发动机驱动的绕线装置
3/68 . . 绳索系统装有一台或两台发动机
3/70 . . . 装有一台用于爬坡作业的发动机的系统
3/72 . . 固定绳索的用具
3/74 . 用电力驱动犁 (集电器入B60L5/00)
5/00 带有非驱动式旋转工作部件的犁, 如图盘犁 (带有驱动式旋转工作部件的入9/00)
5/02 . 由畜力牵引的
5/04 . 由拖拉机牵引的
5/06 . . 不能双向使用的

3/32 . . . Balance ploughs
3/34 . . . with parallel plough units used alternately
3/36 . Ploughs mounted on tractors
3/38 . . without alternating possibility
3/40 . . Alternating ploughs
3/42 . . . Turn-wrest ploughs
3/421 . . . with a headstock frame between the upper and the lower links made in one piece
3/426 . . . with a headstock frame between the upper and the lower links made of two or more parts
3/44 . . . with parallel plough units used alternately
3/46 . Ploughs supported partly by tractor and partly by their own wheels
3/50 . Self-propelled ploughs
3/52 . . . with three or more wheels, or endless tracks
3/54 . . . without alternating possibility
3/56 . . . Alternating ploughs
3/58 . . . with two wheels
3/60 . . . Alternating ploughs
3/62 Balance ploughs
3/64 . Cable ploughs; Indicating or signalling devices for cable plough systems
3/66 . . with motor-driven winding apparatus mounted on the plough
3/68 . . Cable systems with one or two engines
3/70 . . . Systems with one engine for working uphill
3/72 . . Means for anchoring the cables
3/74 . Using electric power for propelling ploughs (electric current collectors B 60 L 5/00)
5/00 Ploughs with rolling non-driven tools, e. g. discs (with rotary driven tools 9/00)
5/02 . drawn by animals
5/04 . drawn by tractors
5/06 . . without alternating possibility

5/08	• 双向犁	5/08	• Alternating ploughs
5/10	• 悬挂或半悬挂在拖拉机上的	5/10	• mounted or partly-mounted on tractors
5/12	• 不能双向使用的	5/12	• without alternating possibility
5/14	• 双向犁	5/14	• Alternating ploughs
5/16	• 自走式圆盘犁或类似的犁	5/16	• Self-propelled disc or like ploughs
7/00	作为犁或耙等使用的圆盘式整地机具	7/00	Disc-like soil-working implements usable either as ploughs or as harrows, etc.
9/00	带有驱动式旋转工作部件的犁 (带有驱动式旋转工作部件的耕作机具入 33/00)	9/00	Ploughs with rotary driven tools (tilling implements with rotary driven tools 33/00)
11/00	带有摆动式、挖掘式或穿刺式工作部件的犁	11/00	Ploughs with oscillating, digging or piercing tools
13/00	专门用途的犁或类似的机具 (排水用的入 E 02 B 11/12)	13/00	Ploughs or like machines for special purposes (for drainage E 02 B 11/02)
13/02	• 用于起垄或修垄的, 如带有系统排列的犁壁的	13/02	• for making or working ridges, e. g. with symmetrically arranged mouldboards
13/04	• 用于葡萄园、果园等地作业的	13/04	• for working in vineyards, orchards, or the like
13/06	• 防止损伤葡萄藤等作物的装置	13/06	• Arrangements for preventing damage to the vines, etc.
13/08	• 用于深松底土的	13/08	• for working subsoil
13/10	• 掀起底土层的专用机具	13/10	• Special implements for lifting subsoil layers
13/12	• 将底土散布在地表的装置	13/12	• Means for distributing the layers on the surface
13/14	• 用于两层或多层土壤的整体	13/14	• for working soil in two or more layers
13/16	• 控制土壤侵蚀的机械, 如水槽挖掘机, 作横埂器	13/16	• Machines for combating erosion, e. g. basin-diggers, furrow-damers
15/00	犁的零部件	15/00	Elements, tools, or details of ploughs
15/02	• 犁片; 犁片的固定件	15/02	• Plough blades; Fixing the blades
15/04	• 犁铧	15/04	• Shares
15/06	• 可更换或可调整的犁铧	15/06	• Interchangeable or adjustable shares
15/08	• 犁壁	15/08	• Mouldboards
15/10	• 可更换或可调整的犁壁	15/10	• Interchangeable or adjustable mouldboards
15/12	• 犁铧; 手柄 (一般工具或其附件的手柄入 B 25 G)	15/12	• Beams; Handles(handles for tools or their attachment in general B 25 G)
15/14	• 犁架	15/14	• Frames
15/16	• 圆犁刀 (所用轴承入 71/04); 清理圆犁刀的刮土刀, 刃磨辅助设备 (刃磨本身入 B 24)	15/16	• Discs (bearing therefor 71/04); Scrapers for cleaning discs; Sharpening attachments (sharpening per se B

15/18	• 犁刀
15/20	• 拖拉机牵引式或悬挂式山地犁的工作部件的专用调整工具
17/00	带专用辅助装置的犁, 如带将肥料施入土中的工具, 碎土器 (49/00优先; 深松底土的犁入13/08)
耙	
19/00	带非旋转式工作部件的耙
19/02	• 刚性或弹性安装在机架上的工作部件的
19/04	• 带两个或更多的机架的
19/06	• 工作部件或机架可以机械地往复运动的
19/08	• 带安装钉齿类工作部件的网状构件的
19/10	• 提升或清理装置
21/00	带非驱动式旋转工作部件的耙 (带驱动或工作部件的耕作机具入33/00)
21/02	• 带钉齿类工作部件的
21/04	• 安装在水平轴上
21/06	• 安装在垂直轴上
21/08	• 带圆盘类工作部件的
23/00	耙的零部件
23/02	• 齿, 固定齿的元件
23/04	• 机架; 牵引装置
23/06	• 圆盘耙片 (15/16 优先; 轴承本身入 71/04); 清理圆盘耙片的刮土刀, 刃磨装置 (刃磨本身入 B 24)
25/00	带有专门辅助装置的耙, 如撒播肥料的装置; 专门用途的耙 (39/00优先)
其他整地机具	

24)	
15/18	• Coulters
15/20	• Special adjusting means for tools of ploughs drawn by, or mounted on tractors working on hillsides or slopes
17/00	Ploughs with special additional arrangements, e. g. means for putting manure under the soil, clod-crushers (49/00 takes precedence; ploughs for working subsoil 13/08)
Harrow	
19/00	Harrow with non-rotating tools
19/02	• with tools rigidly or elastically attached to a tool-frame
19/04	• with two or more tool-frames
19/06	• with tools or tool-frames moved to-and-fro mechanically
19/08	• with link network supporting tooth-like tools
19/10	• Lifting or cleaning apparatus
21/00	Harrow with rotary non-driven tools (tilling implements with rotary driven tools 33/00)
21/02	• with tooth-like tools
21/04	• on horizontally-arranged axles
21/06	• on vertically-arranged axles
21/08	• with disc-like tools
23/00	Elements, tools, or details of harrows
23/02	• Teeth; Fixing the teeth
23/04	• Frames; Drawing-arrangements
23/06	• Discs (15/16 takes precedence; bearings therefor 71/08); Scrapers for cleaning discs; Sharpening attachments (sharpening per se B 24)
25/00	Harrow with special additional arrangements, e. g. means for distributing fertilisers; Harrows for special purposes (39/00 takes precedence)
Other machines for working soil	

27/00	土块压碎机	27/00	Clod-crushers
29/00	镇压器	29/00	Rollers
29/02	• 表面平滑的	29/02	• with smooth surface
29/04	• 旋转式轮圈或圆盘上带有非平滑表面的, 或滚子上有凸起或肋状物的; 表土镇压器	29/04	• with non-smooth surface formed of rotably-mounted rings or discs or with projections or ribs on the roller body; Land packers
29/06	• 带专门辅助装置的	29/06	• with special additional arrangements
31/00	耙	31/00	Drags
33/00	带驱动式旋转工作部件的耕作机具	33/00	Tilling implements with rotary driven tools
33/02	• 工作部件安装在与行进方向呈横向的水平轴上的	33/02	• with tools on horizontal shaft transverse to direction of travel
33/04	• 工作部件安装在与行进方向平行的水平轴上的	33/04	• with tools on horizontal shaft parallel to direction of travel
33/06	• 工作部件安装在垂直或极度倾斜的轴上的	33/06	• with tools on vertical or steeplyinclined shaft
33/08	• 工作部件; 零部件, 如传动装置或齿轮装置	33/08	• Tools; Details, e. g. adaptations of transmissions or gearings
33/10	• 工作部件的结构或功能特点	33/10	• Structural or functional features of the tools
33/12	• 工作部件的附件; 工作部件的护板	33/12	• Arrangement of the tools; Screening of the tools
33/14	• 用于将工作部件安装在旋转轴上的附件, 如安装弹性的工作部件的附件	33/14	• Attaching the tools to the rotating shaft, e. g. resiliently-attached tools
33/16	• 带专门辅助装置的 (49/00 优先; 播种或施肥的 辅助装置入 49/06)	33/16	• with special additional arrangements (49/00 takes precedence; for sowing or fertilising 49/06)
35/00	其他整地机械 (37/00, 39/00, 77/00优先)	35/00	Other machines for working soil (groups 37/00, 39/00, 77/00 take precedence)
35/02	• 带非旋转式工作部件的	35/02	• with non-rotating tools
35/04	• 由畜力或拖拉机牵引的	35/04	• drawn by animal or tractor
35/06	• 带弹性工作部件的	35/06	• with spring tools
35/08	• 带刚性工作部件的	35/08	• with rigid tools
35/10	• 悬挂在拖拉机上	35/10	• mounted on tractors
35/12	• 带弹性工作部件的	35/12	• with spring tools
35/14	• 带刚性工作部件的	35/14	• with rigid tools
35/16	• 带非驱动式旋转或循环工作部件的	35/16	• with rotating or circulating non-propelled tools
35/18	• 同时带旋转式或非旋转式工作部件的	35/18	• with both rotating and non-rotating tools
35/20	• 工作部件; 零件	35/20	• Tools; Details

35/22	· 非旋转式工作部件, 悬挂的非旋转式工作部件	35/22	· Non-rotating tools, Mounting non-rotating tools
35/24	· · · 弹性工作部件	35/24	· · · Spring tools
35/26	· · · 刚性工作部件	35/26	· · · Rigid tools
35/28	· 旋转式工作部件, 悬挂的旋转式工作部件	35/28	· Rotating tools, Mounting rotating tools
35/30	· 底盘 (23/04优先)	35/30	· Undercarriages (23/04 takes precedence)
35/32	· 带专门辅助装置的	35/32	· with special additional arrangements
37/00	疏松由车轮等压紧的土壤的装置	37/00	Devices for loosening soil compacted by wheels or the like
39/00	在作物生长过程中进行整地的其他专门机械	39/00	Other machines specially adapted for working soil on which crops are growing
39/02	· 带非旋转式工作部件	39/02	· with non-rotating tools
39/04	· · 由畜力或拖拉机牵引的	39/04	· · drawn by animal or tractor
39/06	· · 自走式机械	39/06	· · Self-propelled machines
39/08	· 带旋转式工作部件的	39/08	· with rotating tools
39/10	· 带摆动式工作部件的	39/10	· with oscillating tools
39/12	· 专门用途的	39/12	· for special purposes
39/14	· · 作垄的	39/14	· · for working ridges
39/16	· · 在葡萄园、果园等地作业的	39/16	· · for working in vineyards, orchards, or the like
39/18	· · 除草用的	39/18	· · for weeding
39/19	· · · 杆式除草机, 即由旋转杆在表土下推进的除草机	39/19	· · · Rod weeders, i.e. weeder with rotary rods propelled beneath the soil surface
39/20	· 工作部件, 零件	39/20	· Tools, Details
39/22	· · 工作部件, 悬挂式工作部件	39/22	· · Tools, Mounting tools
39/24	· · · 底盘 (23/04优先)	39/24	· · Undercarriages (23/04 takes precedence)
39/26	· · 保护植株的装置	39/26	· · Arrangements for protecting plants
39/28	· 带专门辅助装置的 (49/00优先)	39/28	· with special additional arrangements (49/00 takes precedence)
41/00	间苗机械	41/00	Thinning machines
41/02	· 带振动式工作部件的	41/02	· with oscillating tools
41/04	· 带旋转式工作部件的	41/04	· with rotating tools
41/06	· 用电力, 如用光电控制间苗作业的	41/06	· with electric, e.g. photo-electric control of thinning operations
43/00	捡石机	43/00	Stone-gatherers
45/00	草地或草坪作业机械	45/00	Machines for treating meadows or lawns