

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

PERSONAL OR DOMESTIC ARTICLES

A45 HAND OR TRAVELLING ARTICLES

A45B WALKING STICKS (walking aids, e.g. sticks, for blind persons [A61H 3/06](#)); UMBRELLAS; LADIES' OR LIKE FANS (cane or umbrella stands or holders [A47G 25/12](#))

NOTE

In this subclass, the following term is used with the meaning indicated:

- "umbrellas" also covers sunshades similar in construction to umbrellas

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

Walking sticks; Sticks for umbrellas (walking aids, e.g. sticks, for blind persons [A61H 3/06](#); walking sticks formed as supports or tripod stands [F16M 13/08](#))

1/00 Sticks with supporting, hanging or carrying means

- 1/02 . Walking sticks with rollers for carrying parcels or the like
- 1/04 . Walking sticks with means for hanging-up or with locks

3/00 Sticks combined with other objects

- 3/02 . with illuminating devices
- 3/04 . . electrical
- 3/06 . with coat-hangers
- 3/08 . with measuring or weighing appliances
- 3/10 . with purses
- 3/12 . with telescopes
- 3/14 . with weapons
- 3/16 . with smoking appliances

5/00 Walking sticks or umbrellas convertible into seats; Hunting sticks

7/00 Other sticks, e.g. of cranked shape

- 7/005 . {crank-shaped}

9/00 Details

- 2009/002 . {Accessories}
- 2009/005 . {Shafts}
- 2009/007 . . {of adjustable length, e.g. telescopic shafts}
- 9/02 . Handles or heads
- 2009/025 . . {releasably connected to a wrist strap or a glove}
- 9/04 . Ferrules or tips {(for crutches [A61H 3/0288](#))}
- 9/06 . Sticks with name-plates or the like

Umbrellas (tables with means for holding umbrellas [A47B 37/04](#))

11/00 Umbrellas characterised by their shape or attachment

- 2011/005 . {characterised by their shape}
- 11/02 . attached to the body of the user
- 11/04 . mounted on the head of the user

13/00 Umbrellas made of paper

15/00 Umbrellas with detachable covers

17/00 Tiltable umbrellas

- 2017/005 . {with additional rotation about a vertical axis}

19/00 Special folding or telescoping of umbrellas

- 2019/001 . {with elastic ribs}
- 2019/002 . {Umbrellas stored inside the stick when closed, e.g. collapsible into the handle}
- 2019/004 . {with rigid ribs}
- 2019/005 . {without stick}
- 2019/007 . {without stretchers}
- 2019/008 . {Umbrellas having upward pointing rib ends when closed, i.e. the lower dry side of the cover facing the outside when closed}
- 19/02 . Inflatable umbrellas; Umbrellas without ribs
- 2019/023 . . {Umbrellas with stretchers only}
- 2019/026 . . {Umbrellas without ribs}
- 19/04 . with telescopic sticks
- 19/06 . with telescopic ribs
- 19/08 . with collapsible sticks
- 19/10 . with collapsible ribs
- 19/12 . . in the form of lazy-tongs

21/00 Umbrellas convertible into walking sticks

23/00 Other umbrellas

- 2023/0006 . {Portable, self supported sunshades or weather protections}
- 2023/0012 . {Ground supported umbrellas or sunshades on a single post, e.g. resting in or on a surface there below}
- 2023/0018 . . {with a canopy in form of an inverted cone}
- 2023/0025 . {Umbrellas or sunshades mounted laterally on a wall or on an apparatus}
- 2023/0031 . {Cantilever umbrellas or sunshades with a support arm}
- 2023/0037 . . {the support arm being attached to the stick or to the crown, the canopy being suspended there below}

- 2023/0043 . . {the support arm being attached to the stick or to runner, the canopy being suspended there above}
- 2023/005 . . {the support arm being attached to a rib or being formed by a rib}
- 2023/0056 . . {the support arm being formed by lazy-tongs, one support arm being a rib and the other arm being attached to the runner and to the rib}
- 2023/0062 . . {the support arm being telescopic}
- 2023/0068 . . {the support arm being foldable}
- 2023/0075 . . {the support arm being rotatable about a vertical axis for adjusting the position}
- 2023/0081 . . {the support arm being rotatable about a horizontal axis for adjusting the position}
- 2023/0087 . {having a planar opening movement wherein the struts or screen sheet rotate and spread around an axis, e.g. around the stick}
- 2023/0093 . {Sunshades or weather protections of other than umbrella type}

- 25/00** **Details of umbrellas** ([sticks for umbrellas A45B 1/00 - A45B 9/00](#); [illuminating devices for umbrellas A45B 3/02](#); [sockets or holders for poles or posts E04H 12/22](#))
- 2025/003 . {Accessories not covered by groups [A45B 25/24 - A45B 25/30](#)}
- 25/006 . {Automatic closing devices ([A45B 25/143](#) takes precedence)}
- 25/02 . Umbrella frames
- 25/04 . . Devices for making or repairing
- 25/06 . Umbrella runners
- 25/08 . . Devices for fastening or locking
- 25/10 . Umbrella crowns ([A45B 25/06](#) takes precedence)}
- 2025/105 . . {movable with respect to the shaft}
- 25/12 . Devices for holding umbrellas closed, e.g. magnetic devices
- 25/14 . Devices for opening and for closing umbrellas
- 25/143 . . {automatic}
- 2025/146 . . {with a crank connected to a rope}
- 25/16 . Automatic openers, e.g. frames with spring mechanisms ([A45B 25/143](#) takes precedence)}
- 25/165 . . {with fluid or electric actuators}
- 25/18 . Covers ([detachable A45B 15/00](#)); Means for fastening same
- 2025/183 . . {Covers with filtering or screening means for avoiding undesired radiation}
- 2025/186 . . {Umbrellas with two or more covers}
- 25/20 . . Windows in covers
- 25/22 . Devices for increasing the resistance of umbrellas to wind
- 25/24 . Protective coverings for umbrellas when closed
- 25/26 . . Ventilated coverings
- 25/28 . Drip receptacles for umbrellas; Attaching devices therefor
- 25/30 . Name-plates; Badges; Labelling or marking devices; Means for attaching same ([attached to the umbrella stick A45B 9/06](#))

- 27/00** **Ladies' or like fans**
- 27/02 . with mechanical hand-drive

- 2200/10 . Umbrellas; Sunshades
- 2200/1009 . . combined with other objects
- 2200/1018 . . . with illuminating devices, e.g. electrical
- 2200/1027 . . . with means for generating solar energy
- 2200/1036 . . . with means for promoting air movement, e.g. ventilation holes, fans, ventilators, special shape for ventilation, suction means
- 2200/1045 . . . with a misting device having at least one nozzle for spraying a fluid, e.g. water
- 2200/1054 . . . with containers for storing objects, e.g. box
- 2200/1063 . . . with tables
- 2200/1072 . . . with other sunshades, awnings or tents
- 2200/1081 . . Umbrella handles
- 2200/109 . . . Sockets therefor

2200/00 **Details not otherwise provided for in [A45B](#)**

- 2200/05 . Walking sticks
- 2200/055 . . for Nordic walking