

# 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

**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 Tilttable 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}  | 2200/1045 | . . . with a misting device having at least one nozzle for spraying a fluid, e.g. water |
| 2023/0081    | . . {the support arm being rotatable about a horizontal axis for adjusting the position}  | 2200/1054 | . . . with containers for storing objects, e.g. box                                     |
| 2023/0087    | . {having a planar opening movement wherein the struts or screen sheet rotate and spread around an axis, e.g. around the stick}   | 2200/1063 | . . . with tables   |
| 2023/0093    | . {Sunshades or weather protections of other than umbrella type}  | 2200/1072 | . . . with other sunshades, awnings or tents  |
|              |   | 2200/1081 | . . Umbrella handles  |
|              |   | 2200/109  | . . . Sockets therefor  |
| <b>25/00</b> | <b>Details of umbrellas</b> (sticks for umbrellas <a href="#">A45B 1/00</a> - <a href="#">A45B 9/00</a> ; illuminating devices for umbrellas <a href="#">A45B 3/02</a> ; {sockets or holders for poles or posts <a href="#">E04H 12/22</a> }) |           |   |
| 2025/003     | . {Accessories not covered by groups <a href="#">A45B 25/24</a> - <a href="#">A45B 25/30</a> }  |           |   |
| 25/006       | . {Automatic closing devices ( <a href="#">A45B 25/143</a> 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 {( <a href="#">A45B 25/06</a> 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 {( <a href="#">A45B 25/143</a> takes precedence)}   |           |   |
| 25/165       | . . {with fluid or electric actuators}  |           |   |
| 25/18        | . Covers ( <a href="#">detachable A45B 15/00</a> ); 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 ( <a href="#">attached to the umbrella stick A45B 9/06</a> )  |           |   |
| <b>27/00</b> | <b>Ladies' or like fans</b>   |           |   |
| 27/02        | . with mechanical hand-drive  |           |   |

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| <b>2200/00</b> | <b>Details not otherwise provided for in <a href="#">A45B</a></b>  |
| 2200/05        | . Walking sticks   |
| 2200/055       | . . for Nordic walking   |
| 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 |