

**CPC****COOPERATIVE PATENT CLASSIFICATION****A45B**

**WALKING STICKS; 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](#))

**A45B 1/00****Sticks with supporting, hanging or carrying means**

A45B 1/02

- Walking sticks with rollers for carrying parcels or the like

A45B 1/04

- Walking sticks with means for hanging-up or with locks ([carriers for walking sticks or umbrellas A45F 5/00](#))

**A45B 3/00****Sticks combined with other objects**

A45B 3/02

- with illuminating devices

A45B 3/04

- . electrical

A45B 3/06

- with coat-hangers

A45B 3/08

- with measuring or weighing appliances

A45B 3/10

- with purses

A45B 3/12

- with telescopes

A45B 3/14

- with weapons

A45B 3/16

- with smoking appliances

**A45B 5/00****Walking sticks or umbrellas convertible into seats; Hunting sticks****A45B 7/00****Other sticks, e.g. of cranked shape**

A45B 7/005

- {crank-shaped}

**A45B 9/00****Details**

A45B 2009/002

- {Accessories}

A45B 2009/005

- {Shafts}

A45B 2009/007

- . {of adjustable length, e.g. telescopic shafts}

A45B 9/02

- Handles or heads

A45B 2009/025

- . {releasably connected to a wrist strap or a glove}

A45B 9/04

- Ferrules or tips {(for crutches [A61H 3/0288](#))}

A45B 9/06

- Sticks with name-plates or the like

**Umbrellas** (tables with means for holding umbrellas [A47B 37/04](#))**A45B 11/00****Umbrellas characterised by their shape or attachment**

A45B 2011/005

- {characterised by their shape}

A45B 11/02

- attached to the body of the user

A45B 11/04

- mounted on the head of the user

**A45B 13/00****Umbrellas made of paper****A45B 15/00****Umbrellas with detachable covers****A45B 17/00****Tiltable umbrellas**

A45B 2017/005

- {with additional rotation about a vertical axis}

**A45B 19/00****Special folding or telescoping of umbrellas**

A45B 2019/001

- {with elastic ribs}

A45B 2019/002

- {Umbrellas stored inside the stick when closed, e.g. collapsible into the handle}

A45B 2019/004

- {with rigid ribs}

A45B 2019/005

- {without stick}

A45B 2019/007

- {without stretchers}

A45B 2019/008

- {Umbrellas having upward pointing rib ends when closed, i.e. the lower dry side of the cover facing the outside when closed}

A45B 19/02

- Inflatable umbrellas; Umbrellas without ribs

A45B 2019/023

- . {Umbrellas with stretchers only}

A45B 2019/026

- . {Umbrellas without ribs}

A45B 19/04

- with telescopic sticks

A45B 19/06

- with telescopic ribs

A45B 19/08

- with collapsible sticks

A45B 19/10

- with collapsible ribs

A45B 19/12

- . in the form of lazy-tongs

**A45B 21/00****Umbrellas convertible into walking sticks****A45B 23/00****Other umbrellas**

A45B 2023/0006

- {Portable, self supported sunshades or weather protections}

A45B 2023/0012

- {Ground supported umbrellas or sunshades on a single post, e.g. resting in or on a surface there below}

A45B 2023/0018

- . {with a canopy in form of an inverted cone}

A45B 2023/0025

- {Umbrellas or sunshades mounted laterally on a wall or on an apparatus}

A45B 2023/0031

- {Cantilever umbrellas or sunshades with a support arm}

A45B 2023/0037

- . {the support arm being attached to the stick or to the crown, the canopy being suspended there below}

- A45B 2023/0043 . . {the support arm being attached to the stick or to runner, the canopy being suspended there above}
- A45B 2023/005 . . {the support arm being attached to a rib or being formed by a rib}
- A45B 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}
- A45B 2023/0062 . . {the support arm being telescopic}
- A45B 2023/0068 . . {the support arm being foldable}
- A45B 2023/0075 . . {the support arm being rotatable about a vertical axis for adjusting the position}
- A45B 2023/0081 . . {the support arm being rotatable about a horizontal axis for adjusting the position}
- A45B 2023/0087 . {having a planar opening movement wherein the struts or screen sheet rotate and spread around an axis, e.g. around the stick}
- A45B 2023/0093 . {Sunshades or weather protections of other than umbrella type}

**A45B 25/00**

**Details of umbrellas** (sticks for umbrellas [A45B 1/00](#) to [A45B 9/00](#); illuminating devices for umbrellas [A45B 3/02](#); {sockets or holders for poles or posts [E04H 12/22](#)})

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

**A45B 27/00****Ladies' or like fans**

A45B 27/02

- with mechanical hand-drive
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**A45B 2200/00****Details not otherwise provided for in [A45B](#)**

A45B 2200/05

- Walking sticks

A45B 2200/055

- . for Nordic walking

A45B 2200/10

- Umbrellas; Sunshades

A45B 2200/1009

- . combined with other objects

A45B 2200/1018

- . . with illuminating devices, e.g. electrical

A45B 2200/1027

- . . with means for generating solar energy

A45B 2200/1036

- . . with means for promoting air movement, e.g. ventilation holes, fans, ventilators, special shape for ventilation, suction means

A45B 2200/1045

- . . with a misting device having at least one nozzle for spraying a fluid, e.g. water

A45B 2200/1054

- . . with containers for storing objects, e.g. box

A45B 2200/1063

- . . with tables

A45B 2200/1072

- . . with other sunshades, awnings or tents

A45B 2200/1081

- . Umbrella handles

A45B 2200/109

- . . Sockets therefor