

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

Guidance heading: **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

Guidance heading: **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

A45B 2200/00**Details not otherwise provided for in K45B**

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