

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 Tilttable 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 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