

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

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