

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