

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