

**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 9/02 . Handles or heads
- 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 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 19/00 Special folding or telescoping of umbrellas**

- A45B 19/02 . Inflatable umbrellas; 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 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 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 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 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 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

#### **Guidance heading:**

#### **A45B 2009/00 Details**

- A45B 2009/002 . Accessories
- A45B 2009/005 . Shafts
- A45B 2009/007 . . of adjustable length, e.g. telescopic shafts
- A45B 2009/02 . Handles or heads
- A45B 2009/025 . . releasably connected to a wrist strap or a glove

#### **A45B 2011/00 Umbrellas characterised by their shape or attachment**

- A45B 2011/005 . characterised by their shape

**A45B 2017/00      Tiltable umbrellas**

- A45B 2017/005 . with additional rotation about a vertical axis

**A45B 2019/00      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 2019/02 . Inflatable umbrellas; Umbrellas without ribs
- A45B 2019/023 . . Umbrellas with stretchers only
- A45B 2019/026 . . Umbrellas without ribs

**A45B 2023/00      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 2025/00** **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 2025/10](#) . Umbrella crowns { ([A45B 25/06](#) takes precedence) }
- [A45B 2025/105](#) . . movable with respect to the shaft
- [A45B 2025/14](#) . Devices for opening and for closing umbrellas
- [A45B 2025/146](#) . . with a crank connected to a rope
- [A45B 2025/18](#) . 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

#### Guidance heading:

#### **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