

Title (en)

DEVICE FOR ADJUSTING THE ANGLE OF A PARASOL COVER

Title (de)

VORRICHTUNG ZUR WINKELVERSTELLUNG EINER SONNENSCHIRMABDECKUNG

Title (fr)

DISPOSITIF DE RÉGLAGE DE L'ANGLE D'UNE TOILE DE PARASOL

Publication

EP 3586668 A1 20200101 (EN)

Application

EP 18179192 A 20180622

Priority

EP 18179192 A 20180622

Abstract (en)

The present invention discloses a device for adjusting the angle of a parasol cover, which comprises an adapter shaft (1), a casing (2) and a handle (3), wherein the adapter shaft (1) is rotatably connected with the casing (2) and is axially limited, and the adapter shaft (1) comprises a first mounting structure (23) and a first toothed portion (25), the first mounting structure (23) being located at one end of the device for preventing rotation of the adapter shaft (1) after installation, the casing (2) comprises a second mounting structure (24), the second mounting structure being located at the other end of the device for fixing the casing (2) relative to the parasol pillar after installation, and the handle (3) comprises a second toothed portion (26), the handle being hingedly connected with the casing for engagement of the second toothed portion and the first toothed portion so as to lock or unlock the position of the casing relative to the adapter shaft. The present invention has a simple and reliable structure, can be assembled easily and conveniently, and has good integrality. The handle can not only control the position of the casing relative to the adapter shaft, but also can be rotated to adjust the angle of the parasol cover during adjustment in the unlocking position easily and smoothly.

IPC 8 full level

A45B 23/00 (2006.01); **A45B 17/00** (2006.01)

CPC (source: EP)

A45B 17/00 (2013.01); **A45B 23/00** (2013.01); **A45B 2023/0012** (2013.01); **A45B 2023/0037** (2013.01); **A45B 2023/0075** (2013.01); **A45B 2023/0081** (2013.01)

Citation (search report)

- [X] FR 2992834 A1 20140110 - AULIAN MFG LTD [CN]
- [A] WO 2005018369 A1 20050303 - GLATZ AG [CH], et al
- [A] CN 201197439 Y 20090225 - HE YONG [CN]

Cited by

WO2021259296A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3586668 A1 20200101; EP 3586668 B1 20210203

DOCDB simple family (application)

EP 18179192 A 20180622