

Title (en)

SLIDER POSITIONING DEVICE, UMBRELLA SUPPORT DEVICE AND UMBRELLA

Title (de)

SCHIEBERPOSITIONIERUNGSVORRICHTUNG, SCHIRMSTÜTZVORRICHTUNG UND SCHIRM

Title (fr)

DISPOSITIF DE POSITIONNEMENT À GLISSIÈRE, DISPOSITIF DE SUPPORT DE PARAPLUIE ET PARAPLUIE

Publication

**EP 3219222 A1 20170920 (EN)**

Application

**EP 16186795 A 20160901**

Priority

CN 201620215625 U 20160318

Abstract (en)

The invention refers to a slider positioning device on an umbrella pole, an umbrella support device and an umbrella. A slider positioning device on an umbrella pole is provided. It comprises a slider (1) with a locking mechanism, an umbrella pole (2) and a positioning item (4). A groove (2a) is arranged axially on the umbrella pole (2) and the positioning item (4) is arranged and fixed inside the groove (2a). The positioning item (4) located on the umbrella pole (2) allows the locking mechanism of the slider (1) to lock and unlock, so that the slider (1) can slide axially and be positioned on the umbrella pole (2).

IPC 8 full level

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CPC (source: EP)

**A45B 23/00** (2013.01); **A45B 25/14** (2013.01); **A45B 2023/0012** (2013.01); **A45B 2023/0031** (2013.01)

Citation (search report)

- [XA] EP 2556767 A1 20130213 - YOTRIO GROUP CO LTD [CN]
- [X] DE 202010013969 U1 20110303 - LUO XIONG [CN]
- [X] CN 202104359 U 20120111 - ZHEJIANG YOTRIO GROUP CO LTD

Cited by

AU2019288938B2; US10874183B1; WO2019245389A1

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)

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DOCDB simple family (publication)

**EP 3219222 A1 20170920; EP 3219222 B1 20200826; EP 3219222 B8 20201118**; CN 205432475 U 20160810; ES 2823026 T3 20210505

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