

Title (en)

EASILY CONTROLLABLE SUNSHADE

Title (de)

LEICHT STEUERBARER SONNENSCHIRM

Title (fr)

PARASOL FACILEMENT COMMANDABLE

Publication

**EP 3165121 B1 20211208 (DE)**

Application

**EP 16002293 A 20161027**

Priority

CN 201520873971 U 20151104

Abstract (en)

[origin: CN205180588U] The utility model relates to a sun shade of convenient control, including umbrella shank, umbrella stick, the umbrella stand that has the rib and illumination component, the umbrella stand is fixed on the umbrella stick, the umbrella stick is inserted and is established on the umbrella shank, still includes a controlling means who is used for controlling the illumination component, and this controlling means includes control panel, touch -control circuit board, keying line board and power supply module's power connection, and above -mentioned illumination component, control panel, touch -control circuit board, keying line board and power connection loop through the circuit and form connection component lighting circuit just the keying line board can open whether stop the work of touch -control circuit board. Compared with the prior art, the utility model provides a controlling means includes touch -control circuit board and keying line board, through with the keying line board on receiver discharging material silo's remote controller can realize the remote control of sun shade, and can realize the touch -control of sun shade through pressing the sun shade, remote control and touch -control can be realized simultaneously to this sun shade promptly, facilitate the use.

IPC 8 full level

**A45B 23/00** (2006.01); **A45B 25/00** (2006.01); **E04H 12/22** (2006.01)

CPC (source: EP US)

**A45B 23/00** (2013.01 - EP US); **A45B 25/00** (2013.01 - EP US); **A45B 25/02** (2013.01 - US); **E04H 12/2238** (2013.01 - EP US);  
**E04H 12/2276** (2013.01 - EP US); **F21V 23/003** (2013.01 - US); **F21V 33/006** (2013.01 - US); **A45B 2023/0006** (2013.01 - US);  
**A45B 2023/0037** (2013.01 - EP US); **A45B 2023/005** (2013.01 - EP US); **A45B 2025/003** (2013.01 - EP US); **A45B 2200/1009** (2013.01 - EP US);  
**A45B 2200/1018** (2013.01 - EP US)

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

DOCDB simple family (publication)

**DE 202016004491 U1 20160808**; CN 205180588 U 20160427; EP 3165121 A1 20170510; EP 3165121 B1 20211208; FR 3043115 A3 20170505;  
FR 3043115 B3 20180105; NL 2017702 A 20170523; NL 2017702 B1 20170626; US 10060615 B2 20180828; US 2017122547 A1 20170504

DOCDB simple family (application)

**DE 202016004491 U 20160725**; CN 201520873971 U 20151104; EP 16002293 A 20161027; FR 1601517 A 20161019; NL 2017702 A 20161102;  
US 201615334967 A 20161026