

Title (en)
ROLLER SHADE

Title (de)
ROLL-MARKISE

Title (fr)
STORE ENROULEUR

Publication
EP 3260623 B1 20180718 (DE)

Application
EP 17176164 A 20170615

Priority
DE 102016111664 A 20160624

Abstract (en)
[origin: US2017370107A1] Retractable awning with a cloth shaft, a cloth attached by one end thereof to the cloth shaft and winding onto and unwinding from the cloth shaft, at least one pulling cable connected by its one end to the free end of the cloth, at least one mast, and a cable winch disposed on the mast and featuring a cable drum, wherein the cable winch is connected to the other end of the pulling cable and is designed to retract and to unwind the pulling cable, characterized in that the cable winch is designed as a load balancer featuring a conical cable drum.

IPC 8 full level
E04H 15/58 (2006.01)

CPC (source: EP US)
E04F 10/0648 (2013.01 - US); **E04F 10/0655** (2013.01 - EP US); **E04F 10/0681** (2013.01 - EP US); **E04H 15/322** (2013.01 - EP US);
E04H 15/58 (2013.01 - EP US)

Cited by
CN112211357A; AT520749A4; AT520749B1; EP3530839A1; DE202018102953U1

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)
EP 3260623 A1 20171227; EP 3260623 B1 20180718; DE 102016111664 A1 20171228; US 10822804 B2 20201103;
US 2017370107 A1 20171228

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