

Title (en)
Awning with two rotatable articulated arms

Title (de)
Markise mit zwei drehbaren Knickarmen

Title (fr)
Store avec deux bras articulés et rotatifs

Publication
EP 2767648 B1 20160914 (EN)

Application
EP 14154927 A 20140212

Priority
IT PD20130034 A 20130213

Abstract (en)
[origin: EP2767648A1] Awning with arms which comprises a rolling-shutter box (2) for containing a rollable cloth (3), and at least two articulated arms (10) movable between an extended position and a retracted position and connected to the rolling-shutter box (2) by means of corresponding tiltable support devices (11). Each of such support devices (11) comprises: a support body (12) fixed to the rolling-shutter box (2); a tiltable body (13) which rotatably supports the corresponding articulated arm (10) and is rotatably connected to the support body (12) in order to rotate around a first horizontal rotation axis (X) between an upper position and a lower position; an adjustment element (16) constrained to the support body (12) and provided with a stop portion (17) which is inserted in a guide (18) obtained in the tiltable body (13) and is adapted to receive in abutment an abutment portion (19) of the tiltable body (13) arranged in the lower position in order to stop the downward rotation of the latter. In addition, each support device (11) comprises a locking body (20) rotatably constrained to the tiltable body (13) in order to rotate around a second rotation axis (Y), and provided with an interception portion (21) and a control portion (22) by means of which the corresponding articulated arm (10) drives the locking body (20) in rotation between a non-interference position, in which the interception portion (21) is outside the guide (18) of the tiltable body (13) in order to allow the free passage of the stop portion (17), and an interference position, in which the interception portion (21) projects into the guide (18) of the tiltable body (13) in the lower position, and is adapted to abut against the stop portion (17) in order to prevent the rotation of the tiltable body (13) towards the upper position.

IPC 8 full level
E04F 10/06 (2006.01)

CPC (source: EP)
E04F 10/0618 (2013.01); **E04F 10/0637** (2013.01); **E04F 10/0688** (2013.01)

Cited by
CN107599953A

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 2767648 A1 20140820; EP 2767648 B1 20160914; IT PD20130034 A1 20140814

DOCDB simple family (application)
EP 14154927 A 20140212; IT PD20130034 A 20130213