

Title (en)

Extensible roller-type pergola comprising electronic locking means in the end position

Title (de)

Ausfahrbares und aufrollbares Sonnendach nach Art einer Pergola mit elektrischer Verriegelung in der Endstellung

Title (fr)

Auvent de type pergola enroulable comprenant un organe de verrouillage électrique dans la position extrême de la toile

Publication

EP 2722460 A1 20140423 (EN)

Application

EP 13189321 A 20131018

Priority

IT PD20120305 A 20121019

Abstract (en)

A pergola-type canopy (10), of the type comprising a frame (11) of two parallel longitudinal members (12, 13), on each of which an end (14, 15) of a transverse end member (16) slides, the edge (17) of a covering awning (18) being fixed to the member, the awning (18) being adapted to be extended and gathered, with corresponding movement means (19), thanks to the guided translation of the transverse end member (16), first ends (21, 22) of the longitudinal members (12, 13) being fixed to the wall or supported by corresponding stanchions, the second ends (23, 24) of the longitudinal members (12, 13) being supported by corresponding stanchions (25, 26). The means for the movement of the awning (18) are constituted by a motorized winding shaft (20) for the awning (18), the transverse end member (16) pulling the awning (18) by way of means (27) for the continuous tensioning of the awning, automatic electrically-actuated engagement means (28) being provided for the transverse end member (16) in the stroke limit configuration with the awning extended.

IPC 8 full level

E04F 10/06 (2006.01)

CPC (source: EP)

E04F 10/0607 (2013.01); **E04F 10/0655** (2013.01); **E04F 10/0648** (2013.01)

Citation (search report)

- [I] DE 9016609 U1 19920116
- [A] US 2009229769 A1 20090917 - KIRBY DAVID A [US], et al
- [A] WO 2008125343 A1 20081023 - BELU AG [DE], et al

Cited by

EP3851610A1; WO2021058642A1; IT202100011321A1; IT201800004216A1; CN104213679A; DE102019006789A1; EP3517702A1; EP3530835A1; NL2024670B1; EP3299538A1; EP4339392A1

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 2722460 A1 20140423; **EP 2722460 B1 20150422**; ES 2543323 T3 20150818; IT PD20120305 A1 20140420

DOCDB simple family (application)

EP 13189321 A 20131018; ES 13189321 T 20131018; IT PD20120305 A 20121019