

Title (en)
ROLLER ASSEMBLY FOR AN AWNING

Title (de)
WICKELWALZE FÜR EINE MARKISE

Title (fr)
ENSEMBLE D'ENROULEMENT POUR UN AUVENT

Publication
EP 3241957 A1 20171108 (EN)

Application
EP 17169100 A 20170502

Priority
IT UA20163124 A 20160504

Abstract (en)
The invention relates to a roller assembly 100 for an awning 20 comprising a roller 40, which defines a rotation axis X, and support elements for the roller 40 provided at ends 41 of the roller 40. The support elements comprise: - a support 60 suitable for being fastened to a fixed structure 50; - a grip element 42 integral with the roller; and - a bearing 43 suitable for supporting axial and radial loads. Moreover at least one end 41 of the roller comprises a tension element 44 suitable for applying a force in the axial direction between the grip element 42 and the support 60, so as to induce a tensile strain in the roller 40.

IPC 8 full level
E04F 10/06 (2006.01); **E06B 9/44** (2006.01); **E06B 9/50** (2006.01)

CPC (source: EP)
E04F 10/06 (2013.01); **E04F 10/0685** (2013.01); **E06B 9/44** (2013.01); **E06B 9/50** (2013.01); **E04F 10/0677** (2013.01)

Citation (search report)

- [A] EP 1416102 A2 20040506 - DOMETIC CORP [US]
- [A] US 3151664 A 19641006 - CARL TRADELIUS
- [XAI] US 2014352893 A1 20141204 - MALOTT DALE [US]
- [XA] EP 0730080 A1 19960904 - BUBENDORFF SA [FR]
- [A] EP 2009192 A2 20081231 - WEINOR GMBH & CO KG [DE]

Cited by
WO2023119053A1; BE1030065B1

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 3241957 A1 20171108; EP 3241957 B1 20181128; IT UA20163124 A1 20171104

DOCDB simple family (application)
EP 17169100 A 20170502; IT UA20163124 A 20160504