

Title (en)
Roll-up awning

Title (de)
Rollmarkise

Title (fr)
Marquise

Publication
EP 1803866 A1 20070704 (EN)

Application
EP 06127290 A 20061228

Priority
NL 1030802 A 20051228

Abstract (en)
Roll-up awning (1), comprising a housing (2) containing a rotatably mounted reel (5). The screen is wound on this reel and a front frame (4) is fixed on its free extremity. At winding up, the front frame will be fed into a recess of the housing and then locked. Such a screen can be used particularly on campers and the like, where it is important that the front frame is locked in position when the camper, caravan or the like is travelling. According to the present invention, it is proposed to provide for a locking device comprising locking means (6,7,11-15) on the front frame and locking means on the storage reel. The locking means on the storage reel comprises a toothing which extends along the reel circumference and the locking means on the front frame comprise a lip or strip provided with a toothing. All this is made such that when the screen is moving inwards the locking means of the reel and those of the front frame come into contact with each other. Apart from that this causes the front frame to be locked, it is also possible not to draw the frame any more inwards via the screen during the final portion of the movement of the frame in relation to the housing, but to do so by means of the toothing provided on the front frame.

IPC 8 full level
E04F 10/06 (2006.01)

CPC (source: EP US)
E04F 10/0688 (2013.01 - EP US); **E04F 10/0692** (2013.01 - EP US); **E04F 10/0662** (2013.01 - EP US)

Citation (search report)

- [X] FR 2656372 A1 19910628 - BRUTSAERT LOUIS [BE]
- [DYA] EP 1199423 A2 20020424 - BRUTSAERT SUNPROT N V [BE]
- [DY] US 4658877 A 19870421 - QUINN ANTONY W [US]

Cited by
NL1034980C2; CN107208424A; EP3191660A4; EP2243894A3

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