

Title (en)
Awning with articulated arms

Title (de)
Gelenkarm-Markise

Title (fr)
Store à bras articulés

Publication
EP 1174563 A3 20030723 (DE)

Application
EP 01114068 A 20010609

Priority
DE 10035797 A 20000722

Abstract (en)
[origin: EP1174563A2] The linkage arms for an awning have arm sections (2) and joints (5,9) with structured dimensions and positions so that a lateral force is applied to a sliding tilting rod, which is parallel to the deployment profile (11) or building wall when it is operated. The bearing side of the tilting rod is pushed against a spring (18) towards the lateral force which engages/disengages a coupling (10) and disengages a coupling (19) through a force which overcomes the spring for the tilting rod to swing on a horizontal axis. When the deployment profile is extended, the coupling (19) is engaged and the swing movement is blocked.

IPC 1-7
E04F 10/06

IPC 8 full level
E04F 10/04 (2006.01); **E04F 10/06** (2006.01); **F16C 11/04** (2006.01)

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

Citation (search report)
• [A] CH 517230 A 19711231 - STROMEYER & CO GMBH L [CH]
• [A] EP 0620334 A1 19941019 - WEIERMANN DIETER WEINOR [DE]

Cited by
DE102008025600B3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1174563 A2 20020123; **EP 1174563 A3 20030723**; DE 10035797 A1 20020131; DE 10035797 B4 20040722; JP 2002106132 A 20020410; US 2002007922 A1 20020124; US 6581664 B2 20030624

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EP 01114068 A 20010609; DE 10035797 A 20000722; JP 2001213790 A 20010713; US 90963901 A 20010723