

Title (en)
OPERATING DEVICE FOR MOVABLE TEXTILE COVERING MEANS

Publication
EP 0229961 A3 19881012 (DE)

Application
EP 86116974 A 19861206

Priority
DE 3546093 A 19851224

Abstract (en)
[origin: US4745959A] The drive mechanism is used for movable cloth awnings employed as protective sunscreens and is mounted on a tubular roll-up shaft (1). In coaxial alignment with the roll-up shaft (1) is a drive shaft (2), and the two are mechanically coupled together. At each end there is a draw-cord plate (pulley) (7) in which the draw cord (9) is wound. Furthermore, at each side there is a guide track (11) with a configuration symmetrically matched to that of an open channel (14) on each side for a roller carriage (15), as well as a closed guide chamber (16) in which the draw cord (9) is forcibly retained. End support plates (3) engages medially with the profile of the guide track (11) and is provided with a mounting (4) which serves as a motor bearing, while the draw-cord plate (7) is rotatably mounted over the mounting (4) and the motor head (5).

IPC 1-7
E06B 9/08; **E06B 9/20**; **E04F 10/02**

IPC 8 full level
E04F 10/02 (2006.01); **E04F 10/06** (2006.01); **E06B 9/08** (2006.01); **E06B 9/17** (2006.01); **E06B 9/56** (2006.01); **E06B 9/72** (2006.01)

CPC (source: EP US)
E04F 10/06 (2013.01 - EP US); **E06B 9/17** (2013.01 - EP US); **E06B 9/72** (2013.01 - EP US); **E04F 10/0607** (2013.01 - EP US)

Citation (search report)
• [A] EP 0119966 A1 19840926 - VALLA DI CLAUDIO VALLA & C S N [IT]
• [A] DE 2805683 A1 19790215 - RI RI ITALIA SPA
• [A] FR 2376286 A1 19780728 - GROSS HANS [DE]
• [AP] DE 3508917 A1 19860925 - CLAUSS MANFRED

Cited by
DE102019005615B3; DE4240526A1; EP0796976A3; EP0618340A1; DE102020007695B3

Designated contracting state (EPC)
AT BE CH DE FR GB LI NL

DOCDB simple family (publication)
EP 0229961 A2 19870729; **EP 0229961 A3 19881012**; **EP 0229961 B1 19900425**; **EP 0229961 B2 19930915**; AT E52305 T1 19900515; DE 3546093 A1 19870702; DE 3546093 C2 19891012; DE 3670672 D1 19900531; US 4745959 A 19880524

DOCDB simple family (application)
EP 86116974 A 19861206; AT 86116974 T 19861206; DE 3546093 A 19851224; DE 3670672 T 19861206; US 94227986 A 19861216