

Title (en)
AWNING WITH FLEXIBLE MOTOR COUPLING

Publication
EP 0135731 A3 19860730 (DE)

Application
EP 84109163 A 19840802

Priority
DE 3334416 A 19830923

Abstract (en)
[origin: US4615371A] A motorized awning is provided having a rotatably supported winding shaft housed in an awning box for an awning cloth capable of being wound on the winding shaft, the cloth being secured along one edge on the winding shaft and along the opposite edge on an extendable rod, an immovably supported drive motor, its output shaft coupled with the winding shaft for the automatic retraction of the awning by means of a resilient coupling member which permits at least a limited relative rotary motion between the winding shaft and the output shaft of the drive motor, a first limit switch for controlling the motor current when the cloth of the awning is retracted and a second limit switch for controlling the motor current when the cloth is extended, so that after the actuation of the limit switches the drive motor can be started only with the opposite sense of rotation. The limit switches are activated when the awning cloth is fully extended or retracted and the resilient coupling member has permitted the limited relative rotary motion between the winding shaft and the motor output shaft.

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IPC 8 full level
E04F 10/06 (2006.01); **E06B 9/72** (2006.01); **E06B 9/82** (2006.01); **E06B 9/80** (2006.01)

CPC (source: EP US)
E04F 10/0648 (2013.01 - EP US); **E06B 9/72** (2013.01 - EP US); **E06B 9/82** (2013.01 - EP US); **E04F 10/0659** (2013.01 - EP US); **E06B 2009/6881** (2013.01 - EP US)

Citation (search report)
• [A] FR 2431022 A1 19800208 - GROSS HANS [DE]
• [A] FR 2311170 A1 19761210 - LAUZIER RENE [FR]

Cited by
EP0627533A1; EP0631025A1; EP1857628A3; FR2741900A1; US5056839A; WO03027428A1

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