

Title (en)

Retrofitable awning drive

Title (de)

Nachrüstbarer Markisenantrieb

Title (fr)

Entraînement d'un store apte à être installé en rattrapage

Publication

**EP 1577459 A3 20100331 (DE)**

Application

**EP 04024497 A 20041014**

Priority

DE 202004004340 U 20040319

Abstract (en)

[origin: EP1577459A2] The awning material (1) is normally wound into, and out of, the housing (2) by a manually operated crank mechanism through an eyelet which may be converted to be driven by an electric motor through a universal coupling and pneumatic switch.

IPC 8 full level

**E04F 10/06** (2006.01); **E06B 9/70** (2006.01); **E06B 9/72** (2006.01); **E06B 9/76** (2006.01)

CPC (source: EP)

**E04F 10/0648** (2013.01); **E06B 9/70** (2013.01); **E06B 9/72** (2013.01); **E06B 9/76** (2013.01); **E04F 10/0674** (2013.01)

Citation (search report)

- [DA] DE 29514880 U1 19951130 - GORISSEN FRANK [DE]
- [A] DE 3625604 A1 19880211 - MADER ELMAR [DE]

Cited by

DE202014005051U1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

**DE 202004004340 U1 20040603**; EP 1577459 A2 20050921; EP 1577459 A3 20100331

DOCDB simple family (application)

**DE 202004004340 U 20040319**; EP 04024497 A 20041014