

Title (en)

MOUNTING AND PROTECTING DEVICE FOR THE OPERATING MEANS OF FOLDING DOORS

Publication

EP 0181260 B1 19920108 (FR)

Application

EP 85402115 A 19851105

Priority

FR 8416800 A 19841105

Abstract (en)

[origin: ES296320U] The drive mechanism for a concertina-type door, including a motor and stepdown gearbox (1), a shaft (2) for winding up door-lifting belts (15), and an end-of-stroke unit (4), are mounted in a U-shaped metal channel section beam whose open side does not face downwardly and whose web is thus either the bottom horizontal portion of the beam, or else is disposed vertically. The beam (11) is fixed as a lintel at or near the top of door risers (12, 13), and is closed by a removable cover. The inside of the beam is lined with insulating material (16) and is equipped with a thermostatically controlled heater resistance. The beam housing enables the drive components to be maintained and repaired if need be without being removed from the door. It also enables a concertina-type door to operate safely in all weathers, and facilitates manufacture thereof.

IPC 1-7

E06B 3/92; **E06B 9/17**

IPC 8 full level

E05F 15/00 (2006.01); **E06B 3/92** (2006.01); **E06B 9/06** (2006.01); **E06B 9/17** (2006.01); **E06B 9/262** (2006.01)

CPC (source: EP US)

E06B 9/0669 (2013.01 - EP US); **E06B 9/0692** (2013.01 - EP US); **E06B 9/17007** (2013.01 - EP US)

Citation (examination)

FR 2539181 A1 19840713 - KRAEUTLER BERNARD [FR]

Cited by

US11486195B2; WO2021146314A1; US11643849B2; US11725422B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0181260 A2 19860514; **EP 0181260 A3 19871028**; **EP 0181260 B1 19920108**; AT E71428 T1 19920115; CA 1269680 A 19900529; DE 3585140 D1 19920220; ES 296320 U 19870801; ES 296320 Y 19880216; FR 2572767 A1 19860509; FR 2572767 B1 19880408; JP H0563595 B2 19930910; JP S61172983 A 19860804; US 4718471 A 19880112

DOCDB simple family (application)

EP 85402115 A 19851105; AT 85402115 T 19851105; CA 494613 A 19851105; DE 3585140 T 19851105; ES 296320 U 19851106; FR 8416800 A 19841105; JP 24644985 A 19851105; US 79561085 A 19851106