

Title (en)

Auxiliary driving device for the auxiliary driving building closures

Title (de)

Hilfsantriebsvorrichtung zum hilfweisen Antreiben eines Gebäudeverschlusses

Title (fr)

Entraînement auxiliaire pour l'entraînement auxiliaire de fermetures de bâtiment

Publication

EP 1028223 B1 20040428 (DE)

Application

EP 00102441 A 20000204

Priority

DE 29902442 U 19990211

Abstract (en)

[origin: EP1028223A2] The auxiliary drive for a door into a building, and especially a powered roller or up-and-over door, has a rotary drive unit (12) in a bearing mounting (18) with at least one movement component parallel to the rotation of the chain drive (40) which operates the door. In the rest position, the two rotating units (12,40) are disengaged from each other, and are engaged together when there is a relative and parallel movement between them, with meshing tooth sectors (62,64) forming a reduction gearing to rotate the chain drive and move the door.

IPC 1-7

E06B 9/74; **E05F 15/16**

IPC 8 full level

E05F 15/16 (2006.01); **E06B 9/74** (2006.01)

CPC (source: EP)

E06B 9/74 (2013.01)

Cited by

WO2009112562A1; EP4130417A1; DE102016115773B3; US9341022B2; US9765569B2; EP2243916A2; DE102009050185A1; DE202009018565U1; DE102009007634A1; WO2018086763A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

DE 29902442 U1 20000706; DE 50006197 D1 20040603; EP 1028223 A2 20000816; EP 1028223 A3 20021016; EP 1028223 B1 20040428

DOCDB simple family (application)

DE 29902442 U 19990211; DE 50006197 T 20000204; EP 00102441 A 20000204