

Title (en)
Door drive with anti-dropping device

Title (de)
Torantrieb mit Fangeinrichtung

Title (fr)
Entraînement de portail avec dispositif anti-chute

Publication
EP 1780358 A3 20071205 (DE)

Application
EP 06020025 A 20060925

Priority
DE 202005016816 U 20051026

Abstract (en)
[origin: US2007089843A1] The present disclosure relates to a door drive comprising a guide carriage which is connected to the door, is arranged movably in a guide rail, is connected to the drive device of the door drive via a drive means and comprising an arrester consisting of an arresting member held at the guide carriage and being movable between a release position and an arrested position, with it engaging at an arresting rail in a shape-matched or force-transmitting manner in the arrested position. In accordance with the present disclosure, the arresting member is made as a two-arm lever which is pivotable around a pivot point and one end of the lever is made as a pawl, whereas a follower roll is arranged at the other end and the follower roll is guided along a cam section so that the pawl dips regularly into recesses provided sequentially in the arresting rail on a regular door movement.

IPC 8 full level
E05D 13/00 (2006.01)

CPC (source: EP US)
E05D 13/006 (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US)

Citation (search report)
• [XY] DE 1025756 B 19580306 - MUEHLEISSEN M B H MASCHF
• [YA] EP 0149692 A1 19850731 - RIEXINGER GUSTAV

Cited by
CN102787777A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
DE 202005016816 U1 20070301; CN 1955433 A 20070502; EP 1780358 A2 20070502; EP 1780358 A3 20071205; US 2007089843 A1 20070426

DOCDB simple family (application)
DE 202005016816 U 20051026; CN 200610150796 A 20061026; EP 06020025 A 20060925; US 58423706 A 20061020