

Title (en)
QUICK MOVING DOOR

Publication
EP 0284066 A3 19881102 (DE)

Application
EP 88104739 A 19880324

Priority
DE 3709592 A 19870324

Abstract (en)
[origin: EP0284066A2] 1. A fast moving door with a winding shaft mounted in the upper end zone of side sections (1, 2) which can be driven by a geared and braking motor and whereon the flexible door leaf (7) provided with a lower stiffening end section (6) can be wound up, with a switching device provided in the lower edge zone of the end section which, on being actuated, causes the brake to engage, and with an end switch causing the brake to engage when the end section has reached the floor/ground zone, characterized in that the switching device consists of a light barrier whose transmitter and receiver elements (12, 13) are arranged on both sides of the end section (6) at a distance (x) below the latter, corresponding to the braking distance.

IPC 1-7
E05F 15/20; **E06B 9/209**

IPC 8 full level
E05F 15/20 (2006.01); **E05F 15/43** (2015.01); **E06B 9/82** (2006.01); **E06B 9/84** (2006.01)

CPC (source: EP)
E05F 15/43 (2015.01); **E06B 9/84** (2013.01); **E05F 2015/436** (2015.01); **E05Y 2201/21** (2013.01); **E05Y 2201/43** (2013.01); **E05Y 2201/47** (2013.01); **E05Y 2600/13** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)
• [Y] DE 8615042 U1 19860731
• [Y] US 4274226 A 19810623 - EVANS EDWARD N
• [A] EP 0143712 A1 19850605 - SOTRADIES SA [FR]

Cited by
DE102011120668A1; DE102008026260B4; DE102005061554B4; EP1760238A3; US6218940B1; DE102007030085A1; DE102007030085B4; DE29716966U1; FR2699218A1; US6651385B2; DE102011120668B4; DE19636347C2; EP0843070A1; FR2756000A1; DE102005061555B4; FR2663363A1; EP2273051A1; ITTO20080596A1; DE102009048088A1; WO9915754A1; DE202011109391U1; DE202007009576U1; EP2011944A2; DE102008026260A1; US6920717B2; EP0902157A2; EP0902158A2; US6243006B1; DE202009001346U1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0284066 A2 19880928; **EP 0284066 A3 19881102**; **EP 0284066 B1 19900808**; **EP 0284066 B2 19930908**; AT E55448 T1 19900815; DE 3709592 A1 19881013; DE 3860405 D1 19900913

DOCDB simple family (application)
EP 88104739 A 19880324; AT 88104739 T 19880324; DE 3709592 A 19870324; DE 3860405 T 19880324