

Title (en)
Automatic door system

Title (de)
Automatische Türanlage

Title (fr)
Installation de porte automatique

Publication
EP 1936098 A3 20120307 (DE)

Application
EP 07123528 A 20071219

Priority
DE 102006062332 A 20061222

Abstract (en)
[origin: EP1936098A2] The system (1) has a door e.g. sliding door, leaf (3) movable by a driving device (2), and safety devices (6, 7) absorbing impacts, which are developed during impinging of the leaf to an obstacle found in its movement area. The safety devices have a unit designed in a gradual impact energy absorbing manner. The impact-absorbing unit of the safety devices exhibits rest elasticity for reaching an initial position after one impact, where the safety devices exhibit two areas with hardness differing from each other. A switching device is operatable by contact of the areas of the safety devices.

IPC 8 full level
E06B 7/22 (2006.01); **E06B 3/42** (2006.01); **E06B 3/88** (2006.01); **E06B 3/90** (2006.01)

CPC (source: EP)
E06B 3/88 (2013.01); **E06B 7/22** (2013.01); **E06B 3/4609** (2013.01); **E06B 3/90** (2013.01)

Citation (search report)

- [XDAYI] EP 0003468 B1 19820901
- [Y] EP 1087091 A2 20010328 - BIRCHER AG [CH]
- [Y] DE 2644608 A1 19780524 - SICK OPTIK ELEKTRONIK ERWIN

Cited by
DE102010024727A1; CN102953646A; CN104695811A; WO2013189749A1; EP2481871B1; EP2864566B1; EP2864566B2

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1936098 A2 20080625; **EP 1936098 A3 20120307**; **EP 1936098 B1 20130522**; DE 102006062332 A1 20080626; DK 1936098 T3 20130617; ES 2411710 T3 20130708

DOCDB simple family (application)
EP 07123528 A 20071219; DE 102006062332 A 20061222; DK 07123528 T 20071219; ES 07123528 T 20071219