

Title (en)

Door assembly with automatically moveable wings and method of operating such door assemblies

Title (de)

Türanlage mit automatisch verfahrbaren Flügeln sowie ein Verfahren zum Betrieb derartiger Türanlagen

Title (fr)

Ensemble de porte avec vantaux déplaçables automatiquement et méthode pour opérer de tels ensembles de porte

Publication

EP 1655434 A3 20121017 (DE)

Application

EP 05023341 A 20051026

Priority

DE 102004053821 A 20041104

Abstract (en)

[origin: EP1655434A2] The door system (1) with automatically displaceable flanks (5,6) has one or more sensors (8,9,10) in the interior and exterior areas of door system within the area of the aperture width of the displaceable flank. The entry area (11,12,13) extends over the entire aperture width whereby the entry area has crossover area (36). An independent claim is also included for the method of operation of sensors.

IPC 8 full level

E05F 15/00 (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP)

E05F 15/40 (2015.01); **E05F 15/73** (2015.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XY] US 4967083 A 19901030 - KORNBREKKE HENNING N [US], et al
- [XA] EP 0803632 A1 19971029 - NABCO LTD [JP]
- [X] US 5142152 A 19920825 - BOIUCANER LEON [US]
- [Y] US 5148410 A 19920915 - KUHN GERALD [US]

Cited by

EP4321722A1; US11168508B2

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)

EP 1655434 A2 20060510; EP 1655434 A3 20121017; EP 1655434 B1 20150422; DE 102004053821 A1 20061123;
DE 102004053821 B4 20081218; ES 2542423 T3 20150805

DOCDB simple family (application)

EP 05023341 A 20051026; DE 102004053821 A 20041104; ES 05023341 T 20051026