

Title (en)
Safety door with guided movement and free rotation.

Title (de)
Geführte Sicherheitstür mit freier Drehung.

Title (fr)
Porte de sécurité guidée à pivotement libre.

Publication
EP 0556882 A1 19930825

Application
EP 93200176 A 19930126

Priority
IT MI920276 A 19920211

Abstract (en)
An automatic safety door comprising at least one leaf (1a) which is integral with supporting means (2a, 2b, 2e) which can be caused to move relative to fixed supporting means in linear motion by drive means (12), this attachment between the leaf (1a) and the supporting means (2a, 2b, 2e) being achieved through means (1b, 2c) which allow the leaf to rotate with respect to the supporting means in any position which it may reach during its linear lateral motion, and in which means are provided for moving the leaf (1a) so as to raise/lower it upwards/downwards and outwards/inwards to engage/disengage members (9a, 9b) providing a seal against the corresponding contact surfaces. <IMAGE>

IPC 1-7
E05D 15/06; **E05D 15/58**; **E06B 3/46**; **E06B 3/50**

IPC 8 full level
E05D 15/06 (2006.01); **E05D 15/10** (2006.01); **E06B 3/46** (2006.01); **E05F 15/56** (2015.01); **E06B 3/50** (2006.01); **E05D 15/48** (2006.01)

CPC (source: EP)
E05D 15/0604 (2013.01); **E05D 15/1021** (2013.01); **E06B 3/4645** (2013.01); **E06B 3/50** (2013.01); **E06B 3/5072** (2013.01); **E05D 15/48** (2013.01); **E05D 2015/482** (2013.01); **E05Y 2201/214** (2013.01); **E05Y 2201/236** (2013.01); **E05Y 2800/746** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

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- [Y] DE 2053689 A1 19720510
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Designated contracting state (EPC)
BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
EP 0556882 A1 19930825; FI 930579 A0 19930210; FI 930579 A 19930812; IT 1254775 B 19951011; IT MI920276 A0 19920211; IT MI920276 A1 19930811; JP H05340161 A 19931221; NO 930356 D0 19930202; NO 930356 L 19930812

DOCDB simple family (application)
EP 93200176 A 19930126; FI 930579 A 19930210; IT MI920276 A 19920211; JP 2128493 A 19930209; NO 930356 A 19930202