

Title (en)
Door system for a platform screen

Title (de)
Bahnsteigtürsystem

Title (fr)
Système de porte pour écran de plate-forme

Publication
EP 2899088 A1 20150729 (EN)

Application
EP 14380005 A 20140124

Priority
EP 14380005 A 20140124

Abstract (en)
The door system comprises a moving leaf (30a) movable between a closed position and an open position relative to a fixed screen wall panel (1) adjacent to an access opening (2a). The moving leaf (30a) comprises a front sliding leaf section (31a) and a foldable leaf section (32a) connected through a vertical hinge (4a). Support and linear guide elements are connected to the sliding leaf section (31a) so as to guide the movements thereof in parallel to the fixed screen wall panel (1), and folding guide elements are connected to the foldable leaf section (32a) so as to guide the movements of the foldable leaf section (32a) between an extended position, which is coplanar with the sliding leaf section (31a) in the closed position, and a folded position subtending an angle with the sliding leaf section (31a) in the open position.

IPC 8 full level
B61B 1/02 (2006.01); **E05D 15/36** (2006.01)

CPC (source: BR EP)
B61B 1/02 (2013.01 - BR EP); **E05D 15/0608** (2013.01 - BR); **E05D 15/0617** (2013.01 - EP); **E05D 15/0643** (2013.01 - BR); **E05D 15/0678** (2013.01 - BR); **E05D 15/12** (2013.01 - EP); **E05Y 2900/404** (2013.01 - EP)

Citation (applicant)
• US 5295441 A 19940322 - KAWANISHI ISAMU [JP], et al
• JP 5236987 B2 20130717
• EP 1964747 A1 20080903 - KABA GILGEN AG [CH]

Citation (search report)
• [AD] US 5295441 A 19940322 - KAWANISHI ISAMU [JP], et al
• [AD] EP 1964747 A1 20080903 - KABA GILGEN AG [CH]
• [AD] JP 2009262628 A 20091112 - NABTESCO CORP, et al
• [A] JP 2010007456 A 20100114 - NIPPON SIGNAL CO LTD
• [A] JP 2012214196 A 20121108 - MIKAMI KAKOZAI KK
• [A] JP H10252348 A 19980922 - UOZUMI YUKIO
• [A] US 2006011312 A1 20060119 - DIAZ CAROLS L [US], et al
• [A] DE 1908978 A1 19700910 - MODERNFOLD GMBH

Cited by
CN112188774A; EP4012144A1; DE102017217187B4

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2899088 A1 20150729; EP 2899088 B1 20160727; BR 102015001605 A2 20150922; ES 2599913 T3 20170206

DOCDB simple family (application)
EP 14380005 A 20140124; BR 102015001605 A 20150123; ES 14380005 T 20140124