

Title (en)
RAPID FOLDING DOOR

Title (de)
SCHNELLFALTTÜR

Title (fr)
PORTE RAPIDE A REPLIEMENT

Publication
EP 1730379 B1 20130116 (FR)

Application
EP 05746927 A 20050331

Priority
• FR 2005000788 W 20050331
• FR 0403367 A 20040331

Abstract (en)
[origin: WO2005095747A1] The invention relates to a rapid folding door. The inventive door comprises: two vertical jambs (2), each of which contains a slide; a winding shaft which is disposed at the top of the two vertical jambs (2); and a flexible screen (6) which is equipped with (i) a lower bar (10) which is in turn connected to the winding shaft by means of at least one strap (11) and (ii) at least one reinforcing bar. According to the invention, the width of the screen (6) is smaller than the distance separating the inner faces (2a) of each of the jambs (2). Moreover, the ends of at least one reinforcing bar (9) are fitted and guided in the slides provided in each of the jambs (2). The screen (6) can occupy: a closed position in which it is deployed in a separation plane that is defined by the jambs (2) and the winding shaft, or an open position in which it is folded by winding each strap (11) on the shaft and forming at least one fold on one side of the separation plane. Furthermore, on the side of the screen (6) opposite that comprising the folds, at least one of the jambs (2) is equipped with an elastic sealing means against which the screen (6) rests.

IPC 8 full level
E06B 9/06 (2006.01); **A47H 5/14** (2006.01); **E06B 7/23** (2006.01); **E06B 9/262** (2006.01); **E06B 9/58** (2006.01)

CPC (source: EP US)
E06B 7/2305 (2013.01 - EP US); **E06B 9/063** (2013.01 - EP US); **E06B 9/0653** (2013.01 - EP US); **E06B 9/0692** (2013.01 - EP US); **E06B 9/582** (2013.01 - EP US); **E06B 2009/588** (2013.01 - EP US)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2868462 A1 20051007; FR 2868462 B1 20080201; AU 2005229226 A1 20051013; AU 2005229226 B2 20110414; CA 2560871 A1 20051013; EP 1730379 A1 20061213; EP 1730379 B1 20130116; JP 2007530839 A 20071101; JP 4796568 B2 20111019; NO 20064959 L 20061128; NO 337462 B1 20160418; US 2008099156 A1 20080501; WO 2005095747 A1 20051013

DOCDB simple family (application)
FR 0403367 A 20040331; AU 2005229226 A 20050331; CA 2560871 A 20050331; EP 05746927 A 20050331; FR 2005000788 W 20050331; JP 2007505600 A 20050331; NO 20064959 A 20061030; US 54738005 A 20050331