

Title (en)

FOLDING DOOR WITH SEVERAL PAIRS OF PANELS

Publication

EP 0404846 B1 19921104 (DE)

Application

EP 89906717 A 19890613

Priority

DE 3825285 A 19880726

Abstract (en)

[origin: WO9001099A1] The invention concerns a folding door with several pairs (2, 3) of panels and fitted with a simple, functional and space-saving device for opening out the individual pairs (2, 3) of panels. Fixed to the neighbouring panels (2a, 3a) of two pairs (2, 3) of panels are entrainment pieces (7) in whose field of traverse lie the arms (8a) of two-armed levers (8). The other arms (8b) of the levers (8) extend to the nearest respective panel (2a) and (3a) so that, when one of the panels (e.g. 2a) pivots, from a certain point in the pivoting motion a turning moment is generated which acts via the entrainment piece (7), the lever arm (8a) and the lever arm (8b) on the neighbouring panel (3a) in the opening direction.

IPC 1-7

E05D 15/26; E06B 3/48

IPC 8 full level

E06B 3/90 (2006.01); **E05D 15/26** (2006.01); **E06B 3/48** (2006.01)

CPC (source: EP KR US)

E05D 15/26 (2013.01 - EP US); **E05D 15/264** (2013.01 - EP US); **E06B 3/48** (2013.01 - KR); **E06B 3/481** (2013.01 - EP US);
E05Y 2900/20 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9001099 A1 19900208; AU 3756189 A 19900219; AU 614638 B2 19910905; CA 1314804 C 19930323; DE 3825285 A1 19900201;
DE 58902627 D1 19921210; DK 167822 B1 19931220; DK 71890 A 19900522; DK 71890 D0 19900320; EP 0404846 A1 19910102;
EP 0404846 B1 19921104; ES 2015759 A6 19900901; FI 901478 A0 19900323; FI 91011 B 19940114; FI 91011 C 19940425;
JP H03500433 A 19910131; KR 900702166 A 19901206; RU 1828486 C 19930715; US 5070926 A 19911210

DOCDB simple family (application)

DE 8900385 W 19890613; AU 3756189 A 19890613; CA 606555 A 19890725; DE 3825285 A 19880726; DE 58902627 T 19890613;
DK 71890 A 19900320; EP 89906717 A 19890613; ES 8902614 A 19890725; FI 901478 A 19900323; JP 50650589 A 19890613;
KR 900700617 A 19900323; SU 4743446 A 19900323; US 49068690 A 19900525