

Title (en)  
Folding door.

Title (de)  
Falttür.

Title (fr)  
Porte pliable.

Publication  
**EP 0052885 A1 19820602 (DE)**

Application  
**EP 81109886 A 19811125**

Priority  
DE 3044374 A 19801125

Abstract (en)  
1. Folding door consisting of narrow perpendicular boards (1) suspended at the top and strips (2) provided at their junctions, each of which has a broader joint covering portion (10) viewed in cross section and a bearing portion (11) projecting between the abutting surfaces of adjacent boards, this bearing portion (11) being hingedly connected to the two adjacent boards by means of tension springs (5) which are disposed in horizontal bores (4) in the boards and which have hinge connecting members (6) at their ends, characterised in that the abutting surfaces of the boards (1) have a rectangularly grooved profile (7) with flanks (8, 9) sloping at 45 degrees to the plane of the board and the bearing portion (11) of each strip has two planar flanges (12, 16) sloping at 45 degrees to the central plane of the strip, said flanges (12, 16) projecting into the groove (7) and forming, in conjunction with the flanks (8, 9) of the grooves, abutment surfaces for the boards (1) when they are aligned in the extended position.

Abstract (de)  
Eine Falttür besteht aus lotrechten, verschiebbar aufgehängten Platten (1), die an ihren Stoßflächen (7) vorzugsweise V-förmig ausgekehlt sind, und aus Leisten (2), die einen Fugendeckteil (10) und davon in die Auskehlungen (7) der Platten vorspringende Lagerteile (12), insbesondere 45°-Flansche, aufweisen, wobei die Platten durch horizontale Zugfedern (5) mit den Leisten gelenkig verbunden und um die Kanten der Flansche (12) scharnierartig schwenkbar sind.

IPC 1-7  
**E05D 15/26**; **E06B 3/48**

IPC 8 full level  
**E05D 1/00** (2006.01); **E05D 11/10** (2006.01); **E05D 15/26** (2006.01); **E06B 3/48** (2006.01)

CPC (source: EP)  
**E05D 1/00** (2013.01); **E05D 11/1028** (2013.01); **E05D 15/264** (2013.01); **E06B 3/481** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0052885 A1 19820602**; **EP 0052885 B1 19850320**; AT E12284 T1 19850415; DE 3044374 A1 19820722; DE 3169451 D1 19850425

DOCDB simple family (application)  
**EP 81109886 A 19811125**; AT 81109886 T 19811125; DE 3044374 A 19801125; DE 3169451 T 19811125