

Title (en)  
Sectional doors

Title (de)  
Sektionaltüren

Title (fr)  
Portes sectionnelles de fermeture

Publication  
**EP 0848132 B1 20030813 (FR)**

Application  
**EP 97420221 A 19971127**

Priority  
• FR 9615407 A 19961210  
• US 98754297 A 19971209

Abstract (en)  
[origin: EP0848132A1] The sliding panel door consists of a series of hinged panels (2) which form a continuous vertical surface when closed and pivot relative to one another when the door is opened, e.g. sliding into a space at the top of the vehicle or building. The panels are joined together by interlocking curved members (2a,2b) in the form of a projection (2a4) of circular curved cross-section along one edge of each panel engaging with a recess (2b4) of matching section in the adjoining panel. After the panels have been assembled an insert (8) is fitted into each joint to limit the angle of rotation of adjacent panels and to receive a shaft (7a) with a roller (7) which runs in a guide at the side of the door. The panels are made, for example, from plastic or aluminium.

IPC 1-7  
**E06B 3/48**; **E05D 15/24**; **E05D 1/04**

IPC 8 full level  
**E05D 15/16** (2006.01); **E05D 15/24** (2006.01); **E06B 3/48** (2006.01); **E05D 1/04** (2006.01)

CPC (source: EP US)  
**E05D 15/165** (2013.01 - EP US); **E05D 15/242** (2013.01 - EP US); **E05D 15/248** (2013.01 - EP US); **E06B 3/485** (2013.01 - EP US); **E06B 3/486** (2013.01 - EP US); **E05D 1/04** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US)

Cited by  
CN106246069A; GB2341196A; EP1018447A3

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**EP 0848132 A1 19980617**; **EP 0848132 B1 20030813**; FR 2756865 A1 19980612; FR 2756865 B1 19990115; US 5909762 A 19990608

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**EP 97420221 A 19971127**; FR 9615407 A 19961210; US 98754297 A 19971209