

Title (en)
Large size rapid opening door

Title (de)
Schnellöffnungstor grosser Abmessungen

Title (fr)
Porte de grande dimension à ouverture rapide

Publication
EP 0756057 A1 19970129 (FR)

Application
EP 96401507 A 19960709

Priority
FR 9509104 A 19950726

Abstract (en)
The large door has three leaves (10,20,30) of identical dimensions which are vertically superposed when the door is closed. The door has hinges fixed to the leaves, the lower (30) and upper (20) leaves being able to pivot about the central leaf (10) in the same direction about the central leaf lower and upper horizontal edges. The central leaf is mounted so as to rotate about its horizontal median axis and has guide rails fixed to the framework (50). These rails guide the upper edge of the upper leaf between a closed position, in which it is located in the plane of the central leaf, and an open position in which it is folded against the central leaf. The central leaf rotates through 180 degrees between the open and closed positions in the opposite direction of rotation to that of the upper and lower leaves.

Abstract (fr)
Une porte de grande dimension comporte trois vantaux (10, 20, 30) identiques superposés verticalement en position fermée. Les vantaux inférieur (30) et supérieur (20) sont montés en pivotement sur le vantail central (10), lui-même rotatif autour de son axe horizontal médian. Lors de l'ouverture de la porte, le vantail central (10) effectue une rotation de 180° dans le sens inverse de celui de pivotement des vantaux supérieur et inférieur, qui viennent se placer en regard du vantail central (10). Utilisation notamment pour l'évacuation d'urgence d'un local de grand volume <IMAGE>

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

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

CPC (source: EP)
E05D 15/262 (2013.01); **E06B 3/483** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)
• [A] FR 794931 A 19360228
• [A] GB 1114215 A 19680522 - AIR BALANCE
• [A] US 1792017 A 19310210 - ARMIN KRAUSZ

Cited by
CN114302587A

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

DOCDB simple family (publication)
EP 0756057 A1 19970129; FR 2737246 A1 19970131; FR 2737246 B1 19970912

DOCDB simple family (application)
EP 96401507 A 19960709; FR 9509104 A 19950726