

Title (en)

SEMI-RIGID FRAME PLATES FOR MATERIALS HANDLING DOOR WITH FLEXIBLE CURTAIN

Title (de)

FÜHRUNG MIT HALBSTEIFEN BLÄTTERN FÜR EIN ROLLTOR MIT EINEM FLEXIBLEN TORBLATT

Title (fr)

DISPOSITIF DE GUIDAGE COMPORTANT DES LAMES SEMI-RIGIDES POUR PORTE DE MANUTENTION A RIDEAU SOUPLE

Publication

**EP 1248892 A1 20021016 (FR)**

Application

**EP 01903934 A 20010112**

Priority

- FR 0100098 W 20010112
- FR 0000719 A 20000120

Abstract (en)

[origin: WO0153648A1] The invention concerns a materials handling door (1) for industrial premises comprising opposite vertical posts (2, 3), a flexible curtain (5), horizontal stiffening crossbeams (7), driving means (4) for rapidly displacing the flexible curtain (5) between a closing position and an opening position, while each opposite post (2, 3) comprises semirigid frame plates (9, 10) which are mounted facing each other to constitute on each post a guide track (11), said plates comprising at least a vertical wall (12) which is designed to be elastically deformed and return to its original position without being damaged, under the pressure of an external force, said vertical wall (12) of each plate (9, 10) comprising an extension (22) inclined towards the outside of said plates (9, 10) so that the guide track (11) has in its upper part a flared conical portion profile, said extension (22) of each vertical wall (12) having a certain elastic flexibility to be able to move laterally relative to said wall (12) and the post (2, 3).

IPC 1-7

**E06B 9/58**

IPC 8 full level

**E06B 9/58** (2006.01)

CPC (source: EP US)

**E06B 9/581** (2013.01 - EP US); **E06B 2009/585** (2013.01 - EP US)

Citation (search report)

See references of WO 0153648A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0153648 A1 20010726**; AT E263907 T1 20040415; DE 60102665 D1 20040513; DE 60102665 T2 20050324; EP 1248892 A1 20021016; EP 1248892 B1 20040407; ES 2218380 T3 20041116; FR 2804159 A1 20010727; FR 2804159 B1 20020906; US 2003034135 A1 20030220; US 6715531 B2 20040406

DOCDB simple family (application)

**FR 0100098 W 20010112**; AT 01903934 T 20010112; DE 60102665 T 20010112; EP 01903934 A 20010112; ES 01903934 T 20010112; FR 0000719 A 20000120; US 16975602 A 20020909