

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

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Application

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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).

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CPC (source: EP US)

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