

Title (en)
Roller shutter with flexible screen resisting wind pressure.

Title (de)
Windbeständiger Industriebügel.

Title (fr)
Porte de manutention à rideau souple résistant au vent.

Publication
EP 0591050 A1 19940406 (FR)

Application
EP 93402378 A 19930929

Priority
FR 9211669 A 19921002

Abstract (en)
Warehouse door which opens and closes rapidly to allow vehicles to pass, comprising a roll-up or folding flexible shutter (101), each of the edges of the shutter being guided in a slideway (1) and being held therein by retention carriages (5) which are guided by rails (4) housed in the slideways, the carriages being unable to come off the said rails, characterised in that the door comprises means (6, 7, 8, 104) for linking the shutter and the carriages together and means (2, 102) for distributing the stresses exerted on the edges of the shutter by the carriages when the door is subjected to any strains. <IMAGE>

Abstract (fr)
Porte de manutention à ouverture et fermeture rapide pour le passage de véhicules, comportant un rideau souple (101), enroulable ou repliable, les bords du rideau étant guidés chacun dans une glissière (1), et y étant retenus par des chariots de retenue (5) guidés par des rails (4) logés dans les glissières, sans que les chariots ne puissent quitter lesdits rails, caractérisée en ce qu'elle comporte des moyens de liaison (6, 7, 8, 104) entre le rideau et les chariots, et de répartition (2, 102) des contraintes exercées sur les bords du rideau par les chariots quand la porte est soumise à des efforts. <IMAGE>

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E06B 9/58

IPC 8 full level
E06B 9/13 (2006.01); **E06B 9/58** (2006.01)

CPC (source: EP US)
E06B 9/0692 (2013.01 - EP US); **E06B 9/13** (2013.01 - EP US); **E06B 9/581** (2013.01 - EP US); **E06B 2009/135** (2013.01 - EP US); **E06B 2009/585** (2013.01 - EP US)

Citation (search report)
• [DA] US 2839135 A 19580617 - JAMES ANDERSON
• [DA] DE 4007280 A1 19910814 - LAMSFUSS NORBERT [DE]
• [A] EP 0405093 A2 19910102 - RYTEC CORP [US]

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EP1288429A3; DE19914554C2; EP0775797A1; GB2306995A; FR2739653A1; EP1462602A2; WO9803762A1

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