

Title (en)
Automatic door.

Title (de)
Selbsttätiges Tor.

Title (fr)
Porte automatique.

Publication
EP 0149138 A2 19850724 (DE)

Application
EP 84115258 A 19841212

Priority
DE 3401042 A 19840113

Abstract (en)
1. Automatic door having two door elements comprising sheet members capable of being rolled up and which, for closing and opening operations are movable in a horizontal direction in a manner symmetrical to one another, having vertically positioned take-up rollers (3, 4) for the sheet members (1, 2) arranged on either side of the door opening, each having a support (29) at the sheet ends being in the front position during the closing operation, which supports are guided by power-driven crabs (9) movable in tracks (18 to 21) above the door opening characterized in that each door element is driven only by devices arranged above the door opening, the crabs (9) driving guide elements (6) applied approximately halfway down to the supports (29) at the sheet ends, and in that each door element comprises two sheet members (1, 2) which in closed position of the door are arranged in parallel to one another and the ends of which (5) are joined by the support (29).

Abstract (de)
Das Tor besteht im wesentlichen aus den Bahnen (1) und (2), die auf den federgetriebenen Walzen (3) und (4) aufwickelbar sind. Das vordere Ende (5) steht unter der Wirkung des Führungsgliedes (6), das von einer Laufkatze getragen ist. Diese Laufkatze wird durch einen Motor bewegt. Beim geschlossenen Tor ergeben die beiden Bahnen (1) und (2), die beispielsweise aus Kunststoff oder aus textilem Material bestehen können, und die die Luftschicht (7) begrenzen, eine gute Isolationswirkung. Die geringe Masse des Tors läßt hohe Öffnungs- und Schließgeschwindigkeiten zu.

IPC 1-7
E06B 9/08

IPC 8 full level
E06B 9/08 (2006.01); **E06B 9/11** (2006.01); **E06B 9/13** (2006.01)

CPC (source: EP)
E06B 9/11 (2013.01); **E06B 9/13** (2013.01)

Cited by
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DOCDB simple family (publication)
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