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Application
EP 96937592 A 19961025

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Abstract (en)
[origin: WO9715745A1] A door, particularly for industrial use, comprising a door leaf (11) which is suspended at the upper edge of a doorway and which is raised by line hoisting means (19-22) which are connected to a hoisting device (24, 26) powered by a motor (25). The door leaf comprises one or more pieces of a flexible material (17) in one or more layers, which are attached to a plurality of lateral braces (13-16) arranged one above the other. The lateral braces are guided at each of the ends in a vertical guiding profile (12) at each side of the door. The hoisting means (19-22) are connected to the lateral braces (13-16) by guiding over a number of pulleys (27) arranged on the lateral braces (13), to impose equal distance of movement for the pulling means of the different lateral braces. To increase the raising and lowering velocity, a counterweight (31, 32) is arranged on each side of the door for balancing of a part of the weight of the door leaf, a pulling line (29, 30) for each counterweight is connected to the hoisting device (24, 26) over a pulley (33, 34) at the upper edge of the door, and the pulling lines from the counterweights (31, 32) being connected to the hoisting drum (24) of the hoisting device.

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