Title (en)

FAST DOOR WITH CONTACT DETECTING MEANS

Title (de)

SCHNELLAUFTOR MIT HINDERNISERKENNUNG

Title (fr)

PORTE RAPIDE A MOYENS DE DETECTION DE CONTACT

Publication

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Application

EP 07731359 A 20070425

Priority

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Abstract (en)

[origin: WO2007135254A1] The invention concerns a fast door comprising: a structure having in particular two posts (3) in each of which is provided a slide rail (16) and a transverse lintel-forming element (4), and a flexible curtain (12) connected to the structure at the lintel-forming element (4) via electromechanical means controlling the lowering and lifting of the curtain (12), the curtain (12) incorporating at least one flexible reinforcing bar (13, 29) inserted in receiving means provided in the curtain (12), the flexible reinforcing bar (13, 29) capable of being engaged at its ends in each of the slide rails (16) and capable of bending to be released at least from one rail (16) without being subjected to permanent deformation which would impair the operation of the door once reinstalled in its rails. The door further includes means for detecting any contact with the curtain associated with at least one flexible reinforcing bar (13, 29), the detecting means capable of having a normal operating condition when the bar (13, 29) is rectilinear and an abnormal operating condition under the effect of a contact with the curtain (12).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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