

Title (en)
AUTOMATIC SLIDING FIRE DOOR

Title (de)
AUTOMATISCHE FEUERSCHUTZ-SCHIEBETÜR

Title (fr)
PORTE COULISSANTE COUPE-FEU AUTOMATIQUE

Publication
EP 3696358 A3 20201118 (EN)

Application
EP 20151342 A 20200113

Priority
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Abstract (en)
The present invention belongs to the field of construction, more precisely to the field of door for special purposes, particularly for preventing fire expansion. The invention relates to automatic sliding fire door with swing leafs, which can operate in a sliding or swing manner, wherein no protruding elements such as door handles and panic bars are required for opening said door leafs. The door comprises a longitudinal holder - door drive unit, into which at least one sliding door leaf is installed via a trolley so that the leaf may be moved in a sliding manner. The sliding door leaf comprises a leaf and a sliding doorframe, onto which the leaf is mounted with at least one hinge for allowing opening in the swing mode. The door further comprises a self-closure for self-closing of swing leaf integrated in the sliding doorframe, a flexible tube sealing in a groove between the leaf and the doorframe or between two leafs an assembly for forced closure of sliding leafs in emergency, and a recessed handle for pulling the door leaf in the swing mode. In emergency cases passage through the door is allowed by pushing the door open from one side and by pulling the recessed handle from the other side.

IPC 8 full level
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Citation (search report)
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