

Title (en)  
FAST DOOR WITH SECURE OPERATION

Title (de)  
SCHNELLTÜR MIT SICHERHEITSBETRIEB

Title (fr)  
PORTE RAPIDE A FONCTIONNEMENT SECURISE

Publication  
**EP 1766178 A1 20070328 (FR)**

Application  
**EP 05756720 A 20050622**

Priority  
• IB 2005001761 W 20050622  
• FR 0406781 A 20040622

Abstract (en)  
[origin: WO2006000882A1] The invention concerns a fast door, closing an opening provided in a partition, comprising a soft screen (21), means for lifting the screen including, among others, a winding shaft (2) fixed at the door lintel, and a strap (7) whereof one end is fixed to the winding shaft (2) and the other end is fixed to the screen lower edge (8). The invention is characterized in that the strap (7) passes through a tension sensor (6) comprising a mobile element having an opening wherein the strap (7) is engaged, the mobile element being maintained in a first so-called normal operating position by the strap (7), the latter being subjected to a normal operating tension, the mobile element tilting into a so-called abnormal operating position, when the strap (7) shows a tension lower than a predetermined threshold corresponding to an abnormal operation of the door.

IPC 8 full level  
**E06B 9/84** (2006.01); **E05D 13/00** (2006.01); **E06B 9/80** (2006.01); **E06B 9/88** (2006.01); **E05F 15/00** (2006.01)

CPC (source: EP US)  
**E05D 13/003** (2013.01 - EP US); **E06B 9/80** (2013.01 - EP US); **E06B 9/84** (2013.01 - EP US); **E06B 9/88** (2013.01 - EP US); **E05F 15/41** (2013.01 - EP US); **E05Y 2201/672** (2013.01 - EP US); **E05Y 2900/00** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US)

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**FR 2871839 A1 20051223; FR 2871839 B1 20060915**; EP 1766178 A1 20070328; JP 2008503671 A 20080207; US 2008060772 A1 20080313; US 7849906 B2 20101214; WO 2006000882 A1 20060105

DOCDB simple family (application)  
**FR 0406781 A 20040622**; EP 05756720 A 20050622; IB 2005001761 W 20050622; JP 2007517519 A 20050622; US 63074605 A 20050622