

Title (en)  
Electromechanical release mechanism.

Title (de)  
Elektromechanische Entriegelungsvorrichtung.

Title (fr)  
Déverrouillage électromécanique.

Publication  
**EP 0099223 A2 19840125 (EN)**

Application  
**EP 83303898 A 19830705**

Priority  
• GB 8219941 A 19820709  
• GB 8225451 A 19820907

Abstract (en)  
A mechanism eg for holding open a fire door (A) against the action of a closing force (X) includes a pivoted latch bar (21) in a wall-mounted unit engaging a roller (27) attached via spring-biased arms (29) to the door. The bar (21) carries an armature (26) which is normally held in the latching position by an electromagnet (20). In the event of a fire the magnet (20) is de-energised to allow the latch bar (21) to pivot to an unlatching position (broken line) in which the roller (27) rolls down under the nose (24) of the bar under the action of the closing force (X), and allows the door to close.

IPC 1-7  
**E05C 17/56**

IPC 8 full level  
**E05C 17/56** (2006.01)

CPC (source: EP)  
**E05C 17/56** (2013.01)

Cited by  
CN106500040A; CN106524044A; CN106369529A; US2011026203A1; US2014035302A1; GB2359335A; GB2359335B; US2016356057A1; US11060322B2; US8801054B2; US6167654B1; US11572723B2; US10717390B2; US10737628B2

Designated contracting state (EPC)  
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