

Title (en)
LOCK FOR THE DOOR OF A LIFT SHAFT

Publication
EP 0354414 B1 19930505 (DE)

Application
EP 89113854 A 19890727

Priority
US 23140788 A 19880812

Abstract (en)
[origin: US4840254A] An electro-mechanical elevator hoistway door interlock which includes an electrical switch mounted adjacent to a hoistway door jamb having a pair of spaced pivotable contact actuatable from first to second positions by a bridging contact carrier by the associated hatch door. The bridging contact pivots the spaced pivotable contacts in opposite rotational directions as they are actuated between the two positions, providing a contact wiping action during each engagement and disengagement. Springs bias the pivotable contacts towards their first positions, and carry current in an active electrical circuit when the pair of spaced pivotable contacts are actuated by the bridging contact.

IPC 1-7
B66B 13/22; **H01H 3/16**; **H01H 13/18**

IPC 8 full level
B66B 13/22 (2006.01); **H01H 3/16** (2006.01); **H01H 13/18** (2006.01); **H01H 1/18** (2006.01); **H01H 1/20** (2006.01)

CPC (source: EP KR US)
B66B 13/16 (2013.01 - KR); **B66B 13/22** (2013.01 - EP US); **H01H 1/18** (2013.01 - EP US); **H01H 1/20** (2013.01 - EP US);
H01H 3/163 (2013.01 - EP US)

Cited by
EP0558299A3

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI

DOCDB simple family (publication)
US 4840254 A 19890620; AT E88981 T1 19930515; DE 58904257 D1 19930609; EP 0354414 A2 19900214; EP 0354414 A3 19900718;
EP 0354414 B1 19930505; ES 2041907 T3 19931201; KR 900003054 A 19900323

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