

Title (en)
ELEVATOR ROTARY DOOR INTERLOCK

Publication
EP 0558299 A3 19930929 (EN)

Application
EP 93301372 A 19930224

Priority
• US 84042492 A 19920224
• US 84114392 A 19920225

Abstract (en)
[origin: EP0558299A2] An elevator door interlock (18) has a cam having camming surfaces (58,60,62,64) which are in contact with leads (38) of an electrical circuit during normal operation and a bridge (46) thereon. The cam rotates the camming surfaces along the leads such that the leads contact the bridge if an elevator door (12) is locked, such that they do not contact the bridge if the elevator door is not locked, and rotates the camming surfaces and bridge out of contact with the leads if the door is missing. <IMAGE>

IPC 1-7
B66B 13/12

IPC 8 full level
B66B 13/22 (2006.01); **B66B 13/24** (2006.01); **H01H 1/20** (2006.01); **H01H 3/16** (2006.01)

CPC (source: EP)
B66B 13/22 (2013.01); **B66B 13/24** (2013.01); **H01H 1/20** (2013.01); **H01H 3/163** (2013.01)

Citation (search report)
• [A] EP 0354414 A2 19900214 - INVENTIO AG [CH]
• [A] US 4483420 A 19841120 - BYRNE FRANCIS J [US]
• [A] US 1491449 A 19240422 - WHEELER FRANK D
• [A] US 3277979 A 19661011 - KARL STUTZ
• [A] FR 1337434 A 19630913 - INVENTIO AG

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CN110217674A; US11136217B2

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
EP 0558299 A2 19930901; **EP 0558299 A3 19930929**; **EP 0558299 B1 19960612**; DE 69303059 D1 19960718; DE 69303059 T2 19970206; ES 2090856 T3 19961016

DOCDB simple family (application)
EP 93301372 A 19930224; DE 69303059 T 19930224; ES 93301372 T 19930224