

Title (en)

TRIPPING DEVICE FOR A MOVING STAIRWAY CONTACT MAT

Title (de)

AUSLÖSEVORRICHTUNG FÜR EINE FAHRTREPPEN-KONTAKTMATTE

Title (fr)

DISPOSITIF DE DECLenchement DESTINE A UN PAILLASSON A CONTACT D'UN ESCALIER MECANIQUE

Publication

EP 0932576 A1 19990804 (DE)

Application

EP 98946332 A 19980813

Priority

- DE 19735360 A 19970814
- EP 9805154 W 19980813

Abstract (en)

[origin: DE19735360C1] The invention relates to a tripping device for a moving stairway contact mat, comprising a tread plate (12) which interacts with said tripping device (20) and which is mounted on a base frame (G). The tripping device (20) has an evaluation and switch device (S) for controlling the operation of the moving stairway. A bending beam (22, 26, 122) is also provided. Said bending beam supports at least one strain gauge (DMS), said strain gauge being connected to the evaluation and switch device (S), and can be fixed on the tread plate (12) or on the base frame (G). An actuating pin (24, 24', 124) is in contact with the bending beam (22, 26, 122) and can be supported on the tread plate (12) or the base frame (G). When the tread plate (12) is subjected to a predetermined load, said actuating pin (24, 24', 124) causes a bend strain to be exerted on the bending beam (22, 26, 122). Said bend strain is detected by the strain gauge (DMS).

IPC 1-7

B66B 25/00

IPC 8 full level

B66B 25/00 (2006.01)

CPC (source: EP)

B66B 25/00 (2013.01)

Citation (search report)

See references of WO 9908953A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19735360 C1 19990311; EP 0932576 A1 19990804; WO 9908953 A1 19990225

DOCDB simple family (application)

DE 19735360 A 19970814; EP 9805154 W 19980813; EP 98946332 A 19980813