

Title (en)

SAFETY DEVICE FITTED AT THE HANDRAIL RUN-IN POINT ON AN ESCALATOR, MOVING WALKWAY, ETC.

Title (de)

SICHERHEITSEINRICHTUNG AN DER EINLAUFSTELLE EINES UMLAUFENDEN HANDLAUFS EINER ROLLTREPPE, EINES ROLLSTEIGES ODER DGL.

Title (fr)

DISPOSITIF DE SECURITE FIXE SUR LE POINT D'ENTREE DE LA MAIN COURANTE EN MOUVEMENT D'UN ESCALIER ROULANT, D'UN TROTTOIR ROULANT OU D'UN SYSTEME SIMILAIRE.

Publication

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Application

EP 93912927 A 19930609

Priority

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Abstract (en)

[origin: US5443145A] PCT No. PCT/EP93/01456 Sec. 371 Date Aug. 19, 1994 Sec. 102(e) Date Aug. 19, 1994 PCT Filed Jun. 9, 1993 PCT Pub. No. WO94/05585 PCT Pub. Date Mar. 1, 1994. A safety device is disposed at a run-in region of a circulating handrail of a moving passage into a stationary wall. The safety device is made of a cover plate; an elastically deformable handrail run-in part configured as a bellows and connected to the cover plate; a rod-shaped element having a first end and a second end and being seated in a rear region of the handrail run-in part; an angled component having a first leg connected to a rear side of the handrail run-in part and a second leg adapted to receive the first end of the rod-shaped element; and a limit switch for stopping a movement of the moving passage upon being activated. The limit switch is disposed such that the rod-shaped element is effective for transmitting a deformation of the handrail run-in part onto the limit switch for activating the limit switch.

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