

Title (en)

Safety device for escalators or moving walkways and escalator or walkway

Title (de)

Sicherheitsvorrichtung für Fahrtreppen oder Fahrsteige sowie Fahrtreppe oder Fahrsteig

Title (fr)

Dispositif de sécurité pour escaliers roulants ou trottoirs roulants et escalier roulant ou trottoir roulant

Publication

EP 2404860 B1 20131120 (DE)

Application

EP 11172318 A 20110701

Priority

DE 102010017802 A 20100708

Abstract (en)

[origin: EP2404860A1] The device (10) has a handrail (18) provided with an optical contactless monitoring device formed as an active sensor system, where the monitoring device is arranged in a region of a guide (14) of the handrail at a front base (16) of an escalator (12) or a moving pavement. The monitoring device has two transmission paths (28, 30) with wavelength bands that are different from each other, where one of the paths includes the handrail. Ratio or difference between signals of the paths is used for recognizing foreign bodies e.g. hands of adults and children.

IPC 8 full level

B66B 29/04 (2006.01)

CPC (source: EP)

B66B 29/005 (2013.01); **B66B 29/04** (2013.01)

Cited by

US10259685B2; US10053337B2

Designated contracting state (EPC)

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