Title (en)

MONITORING THE MECHANICAL STATE OF AN ESCALATOR OR A MOVING WALKWAY

Title (de)

ÜBERWACHUNG DES MECHANISCHEN ZUSTANDES EINER FAHRTREPPE ODER EINES FAHRSTEIGES

Title (fr)

SURVEILLANCE DE L'ÉTAT MÉCANIQUE D'UN ESCALIER ROULANT OU D'UN TROTTOIR ROULANT

Publication

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Application

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Abstract (en)

[origin: WO2018177708A1] The invention relates to a method for detecting and monitoring the mechanical state of an escalator or a moving walkway comprising at least one circulating belt and at least one detection device. The method has at least the following steps: generating at least one spatial image of at least one section of the circulating belt; selecting at least one region of the spatial image; comparing the selected region with at least one comparison region, wherein the comparison region is defined by three-dimensional coordinates and represents a virtual area which can be uniquely assigned to the selected region; and generating an alarm signal if the selected region differs from the comparison region such that specified thresholds are exceeded.

IPC 8 full level

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See references of WO 2018177708A1

Designated contracting state (EPC)

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WO 2018177708 A1 20181004; AR 111264 A1 20190619; AU 2018242117 A1 20191010; AU 2018242117 B2 20210401; BR 112019018231 A2 20200623; CA 3055472 A1 20181004; CN 110461756 A 20191115; CN 110461756 B 20210108; EP 3601138 A1 20200205; EP 3601138 B1 20210505; ES 2876208 T3 20211112; JP 2020512249 A 20200423; JP 7114624 B2 20220808; KR 102407553 B1 20220610; KR 20190132393 A 20191127; MX 2019011462 A 20191101; PL 3601138 T3 20210920; RU 2019134213 A 20210428; RU 2019134213 A3 20210623; RU 2754023 C2 20210825; SG 11201907929Y A 20190927; TW 201840460 A 20181116; TW I754020 B 20220201; US 11161717 B2 20211102; US 2021276831 A1 20210909

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