

Title (en)

ESCALATOR OR MOVING WALKWAY WITH A LIGHTING DEVICE FOR ILLUMINATING A TRANSITION ZONE

Title (de)

FAHRTREPPPE ODER FAHRSTEIG MIT BELEUCHTUNGSEINRICHTUNG ZUM BELEUCHTEN EINES ÜBERGANGSBEREICHS

Title (fr)

ESCALIER MOBILE OU TAPIS ROULANT AVEC UN DISPOSITIF D'ÉCLAIRAGE POUR ÉCLAIRER UNE ZONE DE TRANSITION

Publication

**EP 4126737 B1 20240501 (DE)**

Application

**EP 21711252 A 20210315**

Priority

- EP 20165630 A 20200325
- EP 2021056458 W 20210315

Abstract (en)

[origin: WO2021190965A1] The invention relates to a passenger-transportation installation (1) in the form of an escalator or a moving walkway, comprising: - a stationary access region (3); - a transport belt (5) composed of a plurality of step units (15) arranged one behind the other along a movement direction (13), which transport belt (5) can be circulatingly moved relative to the stationary access region (3); - a transition region (37), in which meshing structures (35) of the movable transport belt (5) adjoin static comb structures (29) of the access region (3); - an illuminating device (7) having at least one light source (39) for emitting light in the visible spectrum, the illuminating device (7) being configured such that at least a first portion of the light emitted by the at least one light source (39) is focused such that said light illuminates mainly an elongate transition area (41), which encompasses the transition region (37) including the comb structures (29) and including the structures (35) of the transport belt (5) which mesh with the comb structures in the region of the comb structures (29), the transition area (41) extending along a total exposed width (B) of the transport belt (5) transversely to a direction of longitudinal extension of the passenger-transportation installation (1).

IPC 8 full level

**B66B 23/22** (2006.01); **B66B 27/00** (2006.01)

CPC (source: EP US)

**B66B 23/225** (2013.01 - EP US); **B66B 27/00** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2021190965 A1 20210930**; AU 2021243321 A1 20221013; CN 115348944 A 20221115; EP 4126737 A1 20230208; EP 4126737 B1 20240501; US 11834299 B2 20231205; US 2023112276 A1 20230413

DOCDB simple family (application)

**EP 2021056458 W 20210315**; AU 2021243321 A 20210315; CN 202180023983 A 20210315; EP 21711252 A 20210315; US 202117913280 A 20210315