

Title (en)

PASSENGER TRANSPORT SYSTEM WITH A DISINFECTING DEVICE

Title (de)

PERSONENTRANSPORTANLAGE MIT EINER DESINFEKTIONSEINRICHTUNG

Title (fr)

SYSTÈME DE TRANSPORT DE PASSAGERS DOTÉ D'UN DISPOSITIF DE DÉSINFECTION

Publication

EP 4347473 A1 20240410 (DE)

Application

EP 22730927 A 20220601

Priority

- EP 21177663 A 20210604
- EP 2022064860 W 20220601

Abstract (en)

[origin: WO2022253876A1] The invention relates to a disinfecting device (41, 42) for disinfecting a movable surface of a passenger transport system (1). The disinfecting device (41, 42) has a housing (51) with an inner chamber (61) and at least one radiation source (43) arranged in the inner chamber (61), wherein the radiation source (43) can emit germicidal electromagnetic radiation and wherein a side wall (53, 55, 57, 59) of the housing (51) facing the radiation source (43) is configured as a radiation-transmissive side wall (57). The disinfecting device (41, 42) also has an apparatus (71) arranged in the inner chamber (61) of the housing (51) and at least one radiation measurement sensor (81), wherein the apparatus (71) is arranged between the at least one radiation source (43) and the radiation-transmissive side wall (57), and wherein the apparatus (71) enables the radiation measurement sensor (81) to sufficiently detect a proportion of the radiation emitted by the at least one radiation source (43).

IPC 8 full level

B66B 31/02 (2006.01)

CPC (source: EP)

B66B 31/02 (2013.01)

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022253876 A1 20221208; AU 2022287212 A 20231214; CN 117480107 A 20240130; EP 4347473 A1 20240410

DOCDB simple family (application)

EP 2022064860 W 20220601; AU 2022287212 A 20220601; CN 202280039686 A 20220601; EP 22730927 A 20220601