

Title (en)

RAIL VEHICLE WITH SNOW PROTECTION ASSEMBLY FOR A COUPLING REGION OF THE RAIL VEHICLE

Title (de)

SCHIENENFAHRZEUG MIT EINER SCHNEESCHUTZ-ANORDNUNG FÜR EINEN KUPPLUNGSBEREICH DES SCHIENENFAHRZEUGS

Title (fr)

VÉHICULE FERROVIAIRE AVEC ARRANGEMENT DE PROTECTION CONTRE LA NEIGE POUR UNE ZONE D'ATTELAGE DU VÉHICULE FERROVIAIRE

Publication

EP 3837149 B1 20230823 (DE)

Application

EP 19786489 A 20191001

Priority

- DE 102018217594 A 20181015
- EP 2019076533 W 20191001

Abstract (en)

[origin: WO2020078711A1] The invention relates to a snow protection assembly for a coupling region of a rail vehicle. The rail vehicle has, on an end face, a recess which protects against snow, in which recess a coupling of the rail vehicle is at least partially arranged. A fixed housing at least partially extends around the recess. The housing has an opening in the direction of travel of the rail vehicle, from which opening the coupling partially protrudes in a specified angular position in order to enable a process of coupling to an additional rail vehicle. The opening of the fixed housing is peripherally fixedly connected to a first sealing element. A second sealing element is rotatably connected to the coupling, and the second sealing element at least partially extends around the coupling. The two sealing elements at least partially overlap in the region of the opening at different angular positions of the coupling. The two sealing elements are coupled to one another by pressure in order to protect the opening against the ingress of snow.

IPC 8 full level

B61G 7/00 (2006.01)

CPC (source: EP US)

B61G 7/00 (2013.01 - EP US); **B61G 7/10** (2013.01 - US); **B61G 7/14** (2013.01 - US)

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 2020078711 A1 20200423; CA 3116222 A1 20200423; CA 3116222 C 20230829; CN 112912298 A 20210604; CN 112912298 B 20230804; DK 3837149 T3 20231106; EP 3837149 A1 20210623; EP 3837149 B1 20230823; ES 2956097 T3 20231213; FI 3837149 T3 20231115; PL 3837149 T3 20240226; US 2022063683 A1 20220303

DOCDB simple family (application)

EP 2019076533 W 20191001; CA 3116222 A 20191001; CN 201980068147 A 20191001; DK 19786489 T 20191001; EP 19786489 A 20191001; ES 19786489 T 20191001; FI 19786489 T 20191001; PL 19786489 T 20191001; US 201917285559 A 20191001