

Title (en)

DEVICE AND METHOD FOR MONITORING A SANDING PROCESS FOR A SANDING SYSTEM FOR A RAIL VEHICLE, SANDING DEVICE, RAIL VEHICLE AND TRACK DEVICE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ÜBERWACHEN EINES SANDUNGSVORGANGS FÜR EINE SANDUNGSANLAGE FÜR EIN SCHIENENFAHRZEUG, SANDUNGSVORRICHTUNG, SCHIENENFAHRZEUG UND GLEISVORRICHTUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR SURVEILLER UN PROCESSUS DE SABLAGE POUR UNE INSTALLATION DE SABLAGE POUR UN VÉHICULE SUR RAILS, DISPOSITIF DE SABLAGE, VÉHICULE SUR RAILS ET ENSEMBLE VOIE

Publication

EP 4021776 A1 20220706 (DE)

Application

EP 20765229 A 20200827

Priority

- DE 102019123233 A 20190829
- EP 2020073965 W 20200827

Abstract (en)

[origin: WO2021037974A1] The invention relates to a device (115) for monitoring a sanding process for a sanding system (110) for a rail vehicle (100), which device has an evaluation apparatus (170) that is designed to read in a grinding signal (175), which represents a grinding process sensed by a sensor apparatus (180), which grinding process represents the grinding of at least one grain of grit in a wheel-rail gap (135) between a rail (145) and a wheel (140) of the rail vehicle (100). The device (115) is also designed to determine, using the grinding signal (175), a grit amount signal (185) indicating a grit amount of ground grains of grit during the sanding process.

IPC 8 full level

B61C 15/10 (2006.01)

CPC (source: EP)

B61C 15/107 (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

DOCDB simple family (publication)

DE 102019123233 B3 20210225; EP 4021776 A1 20220706; EP 4021776 B1 20230927; WO 2021037974 A1 20210304

DOCDB simple family (application)

DE 102019123233 A 20190829; EP 2020073965 W 20200827; EP 20765229 A 20200827