

Title (en)

WHEEL LUBRICATION CONTROLLING DEVICE, ASSOCIATED WHEEL LUBRICATION SYSTEM, RAILWAY VEHICLE, METHOD FOR CONTROLLING WHEEL LUBRICATION AND METHOD OF PARAMETRIZING A WHEEL LUBRICATION CONTROLLING DEVICE

Title (de)

RADSCHMIERSTEUERVORRICHTUNG, ZUGEHÖRIGES RADSCHMIERSYSTEM, SCHIENENFAHRZEUG, VERFAHREN ZUR STEUERUNG DER RADSCHMIERUNG UND VERFAHREN ZUR PARAMETRIERUNG EINER RADSCHMIERSTEUERVORRICHTUNG

Title (fr)

DISPOSITIF DE CONTRÔLE DE LA LUBRIFICATION DES ROUES, SYSTÈME DE LUBRIFICATION DES ROUES ASSOCIÉ, VÉHICULE FERROVIAIRE, PROCÉDÉ DE CONTRÔLE DE LA LUBRIFICATION DES ROUES ET PROCÉDÉ DE PARAMÉTRAGE D'UN DISPOSITIF DE CONTRÔLE DE LA LUBRIFICATION DES ROUES

Publication

EP 3865369 A1 20210818 (EN)

Application

EP 20305132 A 20200212

Priority

EP 20305132 A 20200212

Abstract (en)

This wheel lubrication controlling device (32), comprises:- a sensor, and- a processing component comprising:- an acquisition module, adapted to acquire a sensor information, and- a command module, adapted to generate a lubrication instruction for a lubricator (30) as a function of the sensor information. The sensor is a vibration sensor, and the command module is adapted to generate the lubrication instruction as a function of the sensor information. The processing component comprises a filtering module adapted to filter the sensor information from the acquisition module, the filtering module being adapted to filter the sensor information depending on its frequency by forming a band-pass filter. The command module is configured for generating a lubrication instruction corresponding to a release instruction if an amplitude of the filtered sensor information exceeds a predetermined upper threshold.

IPC 8 full level

B61K 3/00 (2006.01); **B61K 9/04** (2006.01)

CPC (source: EP)

B61K 3/00 (2013.01); **B61K 9/04** (2013.01)

Citation (search report)

- [I] US 2003102188 A1 20030605 - GUNACKER CHRISTIAN [AT], et al
- [A] DE 102018204156 A1 20190919 - BOSCH GMBH ROBERT [DE]
- [A] GB 2416006 A 20060111 - QHI RAIL LTD [GB]
- [A] US 2004031647 A1 20040219 - LESLIE CARLTON [US], et al
- [A] GB 2568036 A 20190508 - PERPETUUM LTD [GB]
- [A] JP 2019168227 A 20191003 - RAILWAY TECHNICAL RES INST
- [A] AT 400427 B 19951227 - GUNACKER RICHARD [AT]

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)

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