

Title (en)

METHOD FOR OPERATING A HUMP-SHUNTING SYSTEM, AND CONTROLLER FOR A HUMP-SHUNTING SYSTEM

Title (de)

VERFAHREN ZUM BETREIBEN EINER RANGIERTECHNISCHEN ABLAUFANLAGE SOWIE STEUEREINRICHTUNG FÜR EINE RANGIERTECHNISCHE ABLAUFANLAGE

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UNE INSTALLATION DE TRIAGE PAR GRAVITÉ ET SYSTÈME DE COMMANDE POUR UNE INSTALLATION DE TRIAGE PAR GRAVITÉ

Publication

EP 3713808 B1 20211124 (DE)

Application

EP 18833882 A 20181221

Priority

- DE 102018200867 A 20180119
- EP 2018086560 W 20181221

Abstract (en)

[origin: WO2019141495A1] The invention relates to, inter alia, a method for operating a hump-shunting system (10), by means of which the shunting quality is further increased and disruptions to the operation are prevented or reduced. For this purpose, a controller (200, 220, 230) of the hump-shunting system (10) is used for a run (100) in the form of a descending wagon or a descending wagon group in order to detect that a degree of friction that is reduced in comparison to a normal case is present or expected between at least one wheel of the descending wagon (100) and a brake beam of a rail brake (60). At least one reduced value for a target exit speed (v^{212}) is then determined from the rail brake (60), and/or for at least one additional rail brake (70) lying downstream, an increased braking force or at least one reduced value for a target exit speed (v^{222}) is determined from the additional rail brake (70). The rail brake (60) is then controlled while taking into consideration the at least one reduced value for the target exit speed (v^{212}) determined from the rail brake (60), and/or the at least one additional rail brake (70) is controlled while taking into consideration the increased braking force or the at least one reduced value for the target exit speed (v^{222}) determined from the additional rail brake (70).

IPC 8 full level

B61J 3/02 (2006.01)

CPC (source: EP RU)

B61J 3/02 (2013.01 - EP RU); **B61K 7/02** (2013.01 - RU); **B61K 7/12** (2013.01 - RU); **B61L 17/02** (2013.01 - RU)

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 2019141495 A1 20190725; DE 102018200867 A1 20190725; EP 3713808 A1 20200930; EP 3713808 B1 20211124; LT 3713808 T 20220210; RU 2741459 C1 20210126

DOCDB simple family (application)

EP 2018086560 W 20181221; DE 102018200867 A 20180119; EP 18833882 A 20181221; LT EP2018086560 T 20181221; RU 2020123670 A 20181221