

Title (en)
METHOD FOR OPERATING A TAMPING ASSEMBLY OF A TRACK CONSTRUCTION MACHINE, AND TAMPING DEVICE FOR TRACK BED COMPACTION, AND TRACK CONSTRUCTION MACHINE

Title (de)
VERFAHREN ZUM BETREIBEN EINES STOPFAGGREGATS EINER GLEISBAUMASCHINE SOWIE STOPFVORRICHTUNG ZUR GLEISBETTVERDICHUNG UND GLEISBAUMASCHINE

Title (fr)
PROCÉDÉ SERVANT À FAIRE FONCTIONNER UN GROUPE DE BALLASTAGE D'UNE MACHINE DE POSE DE VOIE, ET DISPOSITIF DE BALLASTAGE SERVANT AU COMPACTAGE DU BALLAST ET MACHINE DE POSE DE VOIE

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Application
EP 18811471 A 20181120

Priority
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• EP 2018081932 W 20181120

Abstract (en)
[origin: WO2019120829A1] In a method for operating a tamping assembly (8) of a track construction machine (1), a track construction machine (1) having a tamping assembly (8), a drive force sensor system and an acceleration sensor system is first provided on a track bed (21). The tamping assembly (8) is displaced relative to the track bed (21). A drive force (FA), which acts on the tamping assembly (8) and is necessary for the displacement, and an acceleration (az) acting on the tamping assembly (8) are determined. A ballast force (Fs) effective between the tamping assembly (8) and the track bed (21) is defined using the drive force (FA) and the acceleration (az) and is evaluated.

IPC 8 full level
E01B 27/16 (2006.01); **B06B 1/18** (2006.01)

CPC (source: AT EP US)
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Citation (search report)
See references of WO 2019120829A1

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WO 2019120829 A1 20190627; AT 520791 A1 20190715; AT 520791 B1 20200815; CN 111479965 A 20200731; CN 111479965 B 20220826; EA 202000146 A1 20200911; EP 3728736 A1 20201028; JP 2021507151 A 20210222; JP 7206278 B2 20230117; US 11834794 B2 20231205; US 2020392672 A1 20201217

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