Title (en)

TRACK CONSTRUCTION MACHINE AND METHOD FOR STABILIZING A BALLAST BED

Title (de)

GLEISBAUMASCHINE UND VERFAHREN ZUM STABILISIEREN EINES SCHOTTERBETTES

Title (fr)

ENGIN DE POSE DE VOIE ET PROCÉDÉ POUR STABILISER UN LIT DE BALLAST

Publication

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Application

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Priority

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- EP 2020052918 W 20200206

Abstract (en)

[origin: WO2020177967A1] The invention relates to a track construction machine for stabilizing a ballast bed (8) of a track (7) after a tamping process, the machine comprising: - a machine frame (5), which can be moved on rail-mounted travel units (6); and - a stabilization unit (14), which comprises rollers (15) for grasping a track grid (9) and a vibration generator (16) for applying a vibration (17) to the track grid (9). A clearing device (20) is arranged on each of the two longitudinal sides of the track construction machine in front of the stabilization unit (14) in the working direction (19), each clearing device (20) comprising a clearing tool (21), which can be lowered into the ballast bed (8), in order to remove ballast from a sleeper end region (13) in question. Thus, preconditions for achieving, by means of the stabilization unit (14), increased lowering of the track grid (9) in comparison with a usual stabilization process are created.

IPC 8 full level

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CPC (source: AT EP US)

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