

Title (en)

METHOD AND DEVICE FOR COMPACTING A BALLAST BED

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERDICHTEN EINES SCHOTTERBETTES

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR COMPACTER UN BALLAST

Publication

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Application

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Abstract (en)

[origin: WO2020083596A1] The invention relates to a method for compacting a ballast bed (5), on which railroad ties (6) and track (4) rails (7) secured thereto are supported, using a work assembly (1) which is arranged on a track construction machine that can be moved on the track (4). During a compaction process, a signal is detected and a characteristic variable is derived therefrom by means of an analysis device (17) in order to evaluate the quality of the ballast bed. The work assembly (1) comprises an electric drive (15), by means of which the compaction process is at least partly carried out, wherein at least one operating variable (18) of the electric drive (15) is supplied to the analysis device (17), and a ballast bed characteristic variable (19) is derived from the operating variable (18) by means of the analysis device (17).

IPC 8 full level

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