

Title (en)

METHOD FOR COMPACTING BALLAST OF A TRACKBED

Title (de)

VERFAHREN ZUM VERDICHTEN VON SCHOTTER EINER GLEISBETTUNG

Title (fr)

PROCÉDÉ DE COMPACTAGE DE BALLAST DE VOIE FERRÉE

Publication

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Application

EP 22758121 A 20220721

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Abstract (en)

[origin: WO2023010147A1] The invention relates to a method for compacting ballast of a trackbed by means of a tamping machine (A) that can travel on tracks in a working direction (W) and that is equipped with tamping tools (6, 16, 17, 18) for tamping, wherein the tamping tools are associated with tamping assemblies (1, 2, 3, 4) that can be moved vertically independently of one another and can be moved relative to one another transversely to the working direction (W) by means of a transverse movement drive (31). In order to reduce the resistance to penetration of the tamping tools into the trackbed, according to the invention the tamping assemblies (1, 3 and 2, 4), in order to reduce an effective surface area (8, 9) for penetration of the tamping tools (16, 17) into the trackbed, are shifted relative to one another by a distance dV by means of the transverse movement drive (31) such that the mutually facing inner tamping tools of the tamping assemblies are offset relative to one another with a gap, and such that the opening width of the inner tamping tools is increased by an amount (d01,3i, d02,4i) such that the inner tamping tools at least partially overlap when viewed transversely to the working direction (W).

IPC 8 full level

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