

Title (en)
Tamping machine for tamping ballast under the sleepers of a railway track

Title (de)
Stopfaggregat zum Unterstopfen von Schwellen eines Gleises

Title (fr)
Machine de bourrage pour bourrage du ballast sous les traverses d'une voie ferrée

Publication
EP 1070787 B1 20040908 (DE)

Application
EP 00890191 A 20000614

Priority
AT 128299 A 19990723

Abstract (en)
[origin: US6389979B1] A ballast tamping tool assembly comprises two tamping tool carriers arranged successively in a longitudinal direction, a pair of tamping picks mounted on each tamping tool carrier, one of the tamping picks of each pair being arranged at a respective end of the assembly in the longitudinal direction for immersion in a respective one of the cribs, another one of the tamping picks of each pair being one of twin tamping picks, the twin tamping picks being arranged for immersion in cribs adjacent the respective cribs for tamping ballast underneath two adjacent ties, and a third tamping tool carrier arranged between the two successively arranged tamping tool carriers, further twin tamping picks mounted on the third tamping tool carrier, the further twin tamping picks being arranged for immersion in a center crib. Each tamping pick is pivotal about a horizontal axis extending transversely to the track, the horizontal axes extending parallel to each other and the longitudinal direction extending perpendicularly to the horizontal axes. Reciprocating drives pivot the tamping picks, and drives for vibrating the tamping picks connect a respective one of the reciprocating drives to a drive for vibrating the tamping picks. The tamping tool carriers are vertically adjustable independently of each other.

IPC 1-7
E01B 27/16

IPC 8 full level
E01B 27/16 (2006.01)

CPC (source: EP US)
E01B 27/16 (2013.01 - EP US)

Cited by
CN112840080A; EA014605B1; EP1403433A3; AT524005A1; WO2008071282A1; WO2022002521A1

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