

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: CA2314207A1] A tamping unit (1) for tamping sleepers (2) of a track (3) is equipped with tamping tines (17, 18) tiltable about horizontal pivot axes (16) and arranged in pairs in the transverse direction of the track. These tamping tines are mounted on two tamping tool carriers (8, 10), arranged successively with respect to a longitudinal direction extending perpendicularly to the pivot axes (16) and vertically adjustable independently of one another by means of drives (12), and are respectively connected via squeeze drives (14) to vibration drives (13). Mounted on each tamping tool carrier (8, 10) is an end pair of tamping tines (17), with respect to the longitudinal direction, for immersion in an end sleeper crib (20) and also two pairs of twin tamping tines (18) provided for immersion in a sleeper crib (21) adjacent to the end sleeper crib (20) and for tamping two adjacent sleepers (2). Arranged between the two tamping tool carriers (8, 10) is a further, central tamping tool carrier (9), vertically adjustable independently of them by means of its own drive (12), on which are positioned two pairs of twin tamping tines (19) provided for immersion in a central sleeper crib (22), with respect to the longitudinal direction, and squeezable apart for tamping two adjacent sleepers (2) simultaneously.

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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
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