

Title (en)  
Tamping unit.

Title (de)  
Stopfaggregat.

Title (fr)  
Unité de bourrage.

Publication  
**EP 0539347 A1 19930428 (DE)**

Application  
**EP 92890202 A 19920923**

Priority  
AT 212591 A 19911024

Abstract (en)

[origin: CA2081088A1] A tamping assembly (1) for track tamping machines consists of a total of four tamping units (3) arranged side by side in the transverse direction of the track and transversely displaceable independently of one another by means of drives (2), each having an auxiliary frame (5) with a tool carrier (7) which is mounted for vertical adjustment and two vibratable and squeezable tamping tools (9) mounted thereon and lying opposite one another in the longitudinal direction of the machine. Each tamping tool (9) is connected to a tamping tine (13) which may be pivoted by means of a pivot drive (18) about a swivel axis (15) extending in the longitudinal direction of the machine. The inner tamping tine (14) of each tamping unit (3) which is adjacent to the auxiliary frame (5) is rigidly connected to the tamping tool (9), while the outer tamping tine (13) adjacent to it in the transverse direction of the machine is pivotable about the swivel axis (15) between two end positions defined by stops (16, 17, 24, 25) from a first tamping position (23) immediately adjacent to the inner tamping tine (14) into a second tamping position (26) - suitable for the immersion of the two tamping tines (13, 14) on either side of a rail (4).

[origin: CA2081088A1] 13 A tamping assembly (1) for track tamping machines consists of a total of four tamping units (3) arranged side by side in the transverse direction of the track and transversely displaceable independently of one another by means of drives (2), each having an auxiliary frame (5) with a tool carrier (7) which is mounted for vertical adjustment and two vibratable and squeezable tamping tools (9) mounted thereon and lying opposite one another in the longitudinal direction of the machine. Each tamping tool (9) is connected to a tamping tine (13) which may be pivoted by means of a pivot drive (18) about a swivel axis (15) extending in the longitudinal direction of the machine. The inner tamping tine (14) of each tamping unit (3) which is adjacent to the auxiliary frame (5) is rigidly connected to the tamping tool (9), while the outer tamping tine (13) adjacent to it in the transverse direction of the machine is pivotable about the swivel axis (15) between two end positions defined by stops (16, 17, 24, 25) from a first tamping position (23) immediately adjacent to the inner tamping tine (14) into a second tamping position (26) - suitable for the immersion of the two tamping tines (13, 14) on either side of a rail (4). (Fig. 1)

Abstract (de)

Ein Stopfaggregat (1) für Gleisstopfmaschinen besteht aus insgesamt vier in Gleisquerrichtung nebeneinander angeordneten und durch Antriebe (2) voneinander unabhängig querverschiebbaren Stopfeinheiten (3), die jeweils einen Aggregatrahmen (5) mit einem höhenverstellbar gelagerten Werkzeugträger (7) und zwei auf diesem gelagerte, in Maschinenlängsrichtung einander gegenüberliegende vibrier- und beistellbare Stopfwerkzeuge (9) aufweisen. Jedes Stopfwerkzeug (9) ist mit einem durch einen Verschwenkantrieb (18) um eine in Maschinenlängsrichtung verlaufende Schwenkachse (15) verschwenkbaren Stopfpickel (13) verbunden. Dabei ist der an den Aggregatrahmen (5) angrenzende innen-Stopfpickel (14) jeder Stopfeinheit (3) starr mit dem Stopfwerkzeug (9) verbunden, während der in Maschinenquerrichtung benachbarte Außen-Stopfpickel (13) zwischen zwei durch Anschläge (16, 17, 24, 25) begrenzten Endstellungen von einer an den Innen-Stopfpickel (14) unmittelbar anschließenden ersten Stopfposition (23) in eine - zum Eintauchen der beiden Stopfpickel (13, 14) beidseits einer Schiene (4) geeignete - zweite Stopfposition (26) um die Schwenkachse (15) verschwenkbar ist. <IMAGE>

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- [AD] GB 2111107 A 19830629 - SIG SCHWEIZ INDUSTRIEGES
- [A] NL 7603386 A 19761222 - PLASSER BAHNBAUMASCH FRANZ
- [A] EP 0424322 A1 19910424 - MATISA MATERIEL IND SA [CH]

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