

Title (en)  
METHOD AND TRACK TAMPING MACHINE FOR TAMPING A TRACK

Title (de)  
VERFAHREN UND GLEISSTOPFMASCHINE ZUM UNTERSTOPFEN EINES GLEISES

Title (fr)  
PROCÉDÉ ET MACHINE DE BOURRAGE DE VOIE POUR LE BOURRAGE D'UNE VOIE

Publication  
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Application  
**EP 21773523 A 20210906**

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Abstract (en)  
[origin: WO2022058187A1] The invention relates to a method for tamping a plurality of ties (4), which are mounted in a ballast bed (2), of a track (3) by means of a plurality of tamping units (9) which are arranged behind one another on a machine frame (8) of a track tamping machine (1) and which have tamping tools (40) situated opposite one another in pairs, wherein only one tie (4) is tamped during a tamping operation by means of the respective tamping unit (9). Here, a control device (33) for controlling longitudinal actuators (32) is used to predetermine a tie pitch (t) of the ties (4) which are to be tamped, wherein, prior to a tamping operation, the tamping units (9) are positioned relative to one another in the machine longitudinal direction (7) by means of the longitudinal actuators (32) in order to adapt the positions of the tamping units (9) to the predetermined tie pitch (t), and wherein, during the tamping operation, ties (4) which are not situated directly behind one another are tamped. By virtue of the spacing of the tamping units (9) from one another in the machine longitudinal direction (7) by in each case more than one tie pitch (t), there are sufficient clearances present for adapting to different tie pitches (t).

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