

Title (en)  
METHOD FOR AUTOMATIC CORRECTION OF THE POSITION OF A TRACK

Title (de)  
VERFAHREN ZUR AUTOMATISCHEN LAGEKORREKTUR EINES GLEISES

Title (fr)  
PROCÉDÉ DE CORRECTION DE POSITION AUTOMATIQUE D'UNE VOIE

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Application  
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Abstract (en)  
[origin: WO2020037343A1] The invention relates to a method for automatic correction of the position of individual defects (H(n)) of track formed by rails (16) and sleepers (9) by means of a tamping machine (2). After the independent measuring of the left and right rails by means of an inertial measuring unit (11), the length and position of the individual defect (TAMP, S, E) to be corrected are determined, taking account of a limiting value of the individual defects (FLIM) and a maximum expansion (smax) in the longitudinal direction of the track (s). The tamping units (7) of the tamping machine (s) are precisely positioned at the start point (S) and end the tamping at the end point (E) of the determined track correction section (TAMP). Both rail lines (FLI, FRE) are tamped and corrected simultaneously.

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