

Title (en)

DEVICE FOR AUTOMATIC TRACK POSITIONING IN BALLASTLESS TRACK SYSTEMS

Title (de)

VORRICHTUNG ZUR AUTOMATISCHEN SPURPOSITIONIERUNG IN SCHOTTERLOSEN GLEISANLAGEN

Title (fr)

DISPOSITIF DE POSITIONNEMENT DE PISTE AUTOMATIQUE DANS DES SYSTÈMES DE SUIVI SANS BALLAST

Publication

EP 4239125 A1 20230906 (EN)

Application

EP 22159834 A 20220302

Priority

EP 22159834 A 20220302

Abstract (en)

Device (1) for automatic track positioning in ballastless track systems, comprising: a frame (11); a carriage body (12) slidably connected to the frame (11) along a transverse direction, where the carriage body (12) comprises at least two pairs of downwardly oriented wheels (13) configured for rolling on respective two rails (110) of a track (100) and at least two downwardly oriented retractable clamps (14) for clamping the two rails (110); two vertical parallel extendable cylinders (15) connected to the frame (11), where the cylinders (15) are configured for extending vertically downwards such that, upon resting on the ground, the frame (11) elevates, wherein the connection between the cylinders (15) and the frame (11) further comprises a rotatable joint configured for rotating the frame (11) with respect to the cylinders (15) around an essentially longitudinal direction.

IPC 8 full level

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CPC (source: EP ES)

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Citation (applicant)

ES 2364635 A1 20110908 - TECSA EMPRESA CONSTRUCTORA SA [ES]

Citation (search report)

[AD] ES 2364635 A1 20110908 - TECSA EMPRESA CONSTRUCTORA SA [ES]

Designated contracting state (EPC)

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