

Title (en)

APPARATUS AND METHOD FOR APPLICATION OF A PAD TO A RAILWAY SLEEPER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ANBRINGEN EINES KISSENS AN EINER EISENBAHNSCHWELLE

Title (fr)

APPAREIL ET PROCÉDÉ D'APPLICATION D'UN TAMPON SUR UNE TRAVERSE DE CHEMIN DE FER

Publication

EP 4059682 A1 20220921 (EN)

Application

EP 22153405 A 20220126

Priority

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Abstract (en)

An apparatus (1) for application of a pad (92) to a base of a railway sleeper made of concrete, said apparatus comprising:- a form (2) in turn comprising at least a first tank (21) intended to receive a cast of concrete to form the sleeper;- means (3) for detecting a parameter associated to a vertical component of a distance between at least one predetermined point and at least a point of the free surface of the concrete located in the first tank (21) of the form (2), preferably a laser measuring system (31);- means (4) for positioning the pad (92) in the first tank (21) at a height that is a function of an input coming from the detection means (3). The positioning means (4) suitably comprise pad gripping means (5), e.g. suction cups, which can adjust the inclination of the rubber pad (92) with respect to a horizontal plane.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] EP 0055708 B1 19840815
- [A] CN 108772942 A 20181109 - CHINA RAILWAY NO 3 ENG GROUP, et al
- [A] CN 212554380 U 20210219 - LANGFANG HESS MACHINERY CO LTD
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Designated contracting state (EPC)

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