

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 B1 20230830 (EN)**

Application

**EP 22153405 A 20220126**

Priority

IT 202100006473 A 20210318

Abstract (en)

[origin: EP4059682A1] 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

**B28B 7/24** (2006.01); **B28B 15/00** (2006.01); **B28B 17/00** (2006.01); **B28B 23/00** (2006.01)

CPC (source: EP)

**B28B 7/24** (2013.01); **B28B 15/00** (2013.01); **B28B 17/0081** (2013.01); **B28B 23/0056** (2013.01); **B28B 23/0062** (2013.01)

Cited by

EP4331797A1; CN117260926A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4059682 A1 20220921**; **EP 4059682 B1 20230830**; **EP 4059682 C0 20230830**; IT 202100006473 A1 20220918

DOCDB simple family (application)

**EP 22153405 A 20220126**; IT 202100006473 A 20210318