

Title (en)
Tamping device

Title (de)
Tampervorrichtung

Title (fr)
Dispositif de damage

Publication
EP 2905378 A1 20150812 (DE)

Application
EP 14154281 A 20140207

Priority
EP 14154281 A 20140207

Abstract (en)
[origin: CN104831604A] A tamper of a screed includes a tamper bar secured to a connecting rod in which an eccentric bushing is rotatable. The eccentric bushing is adapted to be rotationally displaced on an eccentric section of a drive shaft relative to the eccentric section and to be rotationally coupled with the eccentric section at relative rotational positions defining different stroke lengths of the tamper bar. A changeover between the rotational positions is accomplishable by a reversal of the direction of rotation of the drive shaft. The eccentric bushing is adapted to be locked at each respective rotational position by means of a locking and/or coupling device against inadvertent displacement from the respective rotational position. The locking and/or coupling device is adapted to be released and/or engaged automatically or by remote control for effecting a changeover from one rotational position to the next.

Abstract (de)
In einer Tampervorrichtung (T) einer Einbaubohle (E), mit einer Tamperleiste (1), die an Pleueln (2) befestigt ist, in denen je eine Exzenterbuchse (B) drehbar ist, die auf einem Exzenterabschnitt (A) einer Antriebswelle (W) relativ verdrehbar und in unterschiedliche Hubwege der Tamperleiste (1) definierenden relativen Drehpositionen mit dem Exzenterabschnitt (A) drehkuppelbar ist, wobei zwischen den Drehpositionen durch eine Drehrichtungsumkehr der Antriebswelle (W) umstellbar ist, ist die Exzenterbuchse (B) in den relativen Drehpositionen durch eine zur Umstellung von einer Drehposition in eine andere selbsttätig oder ferngesteuert lösbare und/oder einrückbare Verriegelungs- und/oder Kupplungsvorrichtung (V) gegen ungewolltes Verlassen der Drehposition verriegelbar.

IPC 8 full level
E01C 19/48 (2006.01); **E01C 19/38** (2006.01)

CPC (source: BR EP US)
E01C 19/38 (2013.01 - BR EP US); **E01C 19/4853** (2013.01 - BR EP US)

Citation (applicant)

- EP 2325392 A2 20110525 - VOEGELE AG J [DE]
- EP 2325391 B1 20130320 - VOEGELE AG J [DE]
- EP 2325391 A1 20110525 - VOEGELE AG J [DE]
- EP 2325391 A1 20110525 - VOEGELE AG J [DE]

Citation (search report)
[AD] EP 2325391 A1 20110525 - VOEGELE AG J [DE]

Cited by
DE102015016777A1; US10060086B2; US11060249B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2905378 A1 20150812; EP 2905378 B1 20160921; BR 102014027640 A2 20160426; BR 102014027640 B1 20210810;
CN 104831604 A 20150812; CN 104831604 B 20171205; CN 204608575 U 20150902; JP 2015148134 A 20150820; JP 5997747 B2 20160928;
PL 2905378 T3 20170531; US 2015225909 A1 20150813; US 9487924 B2 20161108

DOCDB simple family (application)
EP 14154281 A 20140207; BR 102014027640 A 20141105; CN 201410808559 A 20141222; CN 201420822165 U 20141222;
JP 2014218035 A 20141027; PL 14154281 T 20140207; US 201514590311 A 20150106