

Title (en)

Device for controlling the compaction effect of vibrating devices

Title (de)

Vorrichtung zur Kontrolle der Verdichtung bei Vibrationsverdichtungsgeräten

Title (fr)

Dispositif pour contrôler l'effet de compactage par des dispositifs vibrants

Publication

EP 1103658 A3 20030402 (DE)

Application

EP 00120515 A 20000920

Priority

DE 19956943 A 19991126

Abstract (en)

[origin: EP1103658A2] The compaction control device has respective compaction control units (5,6) provided for 2 compaction rollers (1,3) which are coupled together, with evaluation of the measured compaction values provided by both compaction control units via an evaluation device (9). This delays the measured values from the compaction control unit for the first roller, so that they are compared with the measured values from the compaction control unit for the second roller corresponding to the same road surface position.

IPC 1-7

E01C 19/28

IPC 8 full level

E01C 19/28 (2006.01); **G01N 33/42** (2006.01)

CPC (source: EP US)

E01C 19/288 (2013.01 - EP US)

Citation (search report)

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- [A] US 4870601 A 19890926 - SANDSTROEM AANGSTROEM KE J [SE]
- [A] WO 9528524 A1 19951026 - CATERPILLAR INC [US]
- [X] US 4658639 A 19870421 - ARNBERG PETER W [SE]
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Cited by

EP2148005A1; CN105970777A; EP2666908A1; EP2458088A3; CN109444206A; CN113373764A; US7168885B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1103658 A2 20010530; EP 1103658 A3 20030402; EP 1103658 B1 20100421; AT E465300 T1 20100515; DE 19956943 A1 20010531; DE 19956943 B4 20200319; DE 50015908 D1 20100602; JP 2001193011 A 20010717; JP 4012681 B2 20071121; US 6551019 B1 20030422

DOCDB simple family (application)

EP 00120515 A 20000920; AT 00120515 T 20000920; DE 19956943 A 19991126; DE 50015908 T 20000920; JP 2000355092 A 20001122; US 72153400 A 20001122