

Title (en)

Method for treating layers, a construction machine and an auxiliary construction machine

Title (de)

Verfahren zum Behandeln von Schichten, eine Baumaschine und eine Anbaumaschine

Title (fr)

Procédé de traitement de couches, un engin de construction et un engin auxiliaire de construction

Publication

**EP 2735650 B2 20180926 (DE)**

Application

**EP 13189033 A 20131017**

Priority

DE 102012221654 A 20121127

Abstract (en)

[origin: EP2735650A1] The method involves milling the layers in a predetermined cutting depth by a construction machine with milling-or mixing roller. The milling-or mixing roller is surrounded by a roller housing (7) which limits the mixing chamber of the milling-or mixing roller. The quantity of binder supplied per unit time is automatically mixed in proportion to the milled material quantity milled per unit time in continuous operation. The determination of the current supplied binder quantity to reach the predetermined cutting depth takes place depending on the current milled milling material quantity present in mixing chamber during the adding process. An independent claim is included for a construction machine, particularly stabilizer or recycler with a chassis.

IPC 8 full level

**E01C 23/06** (2006.01); **E01C 21/00** (2006.01)

CPC (source: EP US)

**E01C 21/00** (2013.01 - EP US); **E01C 23/065** (2013.01 - EP US)

Citation (opposition)

Opponent :

- US 6695530 B2 20040224 - CRUPI FRANCESCO A [US]
- WO 8504681 A1 19851024 - NODEST VEI AS [NO]
- US 2011274491 A1 20111110 - HEUSINGER JUERGEN [DE], et al
- US 2009108663 A1 20090430 - BERNING CHRISTIAN [DE], et al
- Treatment of Fill and Capping Materials Using Either Lime or Cement or Both, HA 74/07, Volume 4, Section 1, Part 6, published by The Highways Agency
- Introduction to the Manuel of Contract Documents for Highway Works (MCHW), SD 0/14 - Clause 947: In Situ Cold Recycled Bound Material, published by The Highways Agency
- Operation and Maintenance Manual - RM 500 Road Reclaimer/Soil Stabilizer, Ref. KEBU7524, published by Caterpillar, Inc

Cited by

CN106868994A; CN104563174A

Designated contracting state (EPC)

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**EP 2735650 A1 20140528**; **EP 2735650 B1 20150401**; **EP 2735650 B2 20180926**; CN 103835211 A 20140604; CN 103835211 B 20160316; DE 102012221654 A1 20140528; US 2014147206 A1 20140529; US 8956076 B2 20150217

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**EP 13189033 A 20131017**; CN 201310618115 A 20131127; DE 102012221654 A 20121127; US 201314080838 A 20131115