

Title (en)
 LEVELLING DEVICE FOR A PAVER AND METHOD OF CONTROLLING THE CUTTING DEPTH OR CUTTING INCLINATION IN A ROAD-
 MAKING MACHINE

Title (de)
 NIVELLIEREINRICHTUNG FÜR EINE STRAßENBAUMASCHINE SOWIE VERFAHREN ZUM REGELN DER FRÄSTIEFE ODER FRÄSNEIGUNG
 BEI EINER STRAßENBAUMASCHINE

Title (fr)
 DISPOSITIF DE NIVELLEMENT POUR UN ENGIN DE CONSTRUCTION ROUTIÈRE ET PROCÉDÉ DE RÉGLAGE DE LA PROFONDEUR OU
 DE L'INCLINAISON DE LA FRAISE DANS UN ENGIN DE CONSTRUCTION ROUTIÈRE

Publication
EP 2010714 A1 20090107 (DE)

Application
EP 07728057 A 20070412

Priority
 • EP 2007053590 W 20070412
 • DE 102006020293 A 20060427

Abstract (en)
 [origin: WO2007125017A1] In a road-making machine (1) for working road surfaces, having a cutting drum (3) vertically adjustable with respect to the cutting depth, having a levelling device (4) with at least one controller (6a, 6c) which receives setpoints for the milling depth and/or the inclination of the cutting drum (3), and having at least one interchangeable sensor (A, B, C) or having a plurality of switchable sensors for detecting the current actual value of the cutting depth and/or of the inclination of the cutting drum (3) in relation to a reference surface, wherein the controller (5a, 6c) performs a milling-depth closed-loop control and/or an inclination closed-loop control for the cutting drum (3) as a function of predetermined setpoints and the currently measured actual values of the at least one sensor (A, B, C) by output of a manipulated variable for achieving or maintaining the setpoint during cutting operation, wherein the levelling device (4) has an indicating and setting device (2) for indicating and setting operating parameters for the at least one sensor (A, B, C), provision is made for the indicating and setting device (2) of the levelling device (4) to have, apart from an indicating and setting unit (2a, 2c) provided for the at least one currently used sensor (A, B), an additional indicating and setting unit (2b) for a selectable sensor (B) to be exchanged for the currently used sensor (A, C).

IPC 8 full level
E01C 23/088 (2006.01)

CPC (source: EP US)
E01C 23/088 (2013.01 - EP US); **E01C 23/127** (2013.01 - US)

Citation (search report)
 See references of WO 2007125017A1

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