

Title (en)

METHOD FOR OPERATING A ROAD PAVER

Title (de)

VERFAHREN ZUM BETRIEB EINES STRASSENFERTIGERS

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UNE FINISSEUSE

Publication

EP 2307618 A1 20110413 (DE)

Application

EP 09777175 A 20090714

Priority

- EP 2009005105 W 20090714
- DE 102008033565 A 20080717

Abstract (en)

[origin: WO2010006759A1] Self-operating road pavers comprise an internal combustion engine (23) that drives a hydraulic pump for operating hydraulic motors that act as drives (24 - 28) for the chassis and other components of the self-operating street paver. At least some drives (24 - 28), in particular the transportation drive of the street paver, must also operate at the same speed under varying conditions. In order to guarantee this, in known street pavers the internal combustion engine (23) is operated at a relatively high speed. Under normal conditions, this speed is too high, so under such conditions the profitability of known street pavers suffers. The object of the invention is to operate the internal combustion engine (23) of the street paver at a variable speed that is regulated such that the drives (24, 25, 28) that require a constant speed remain substantially constant even if changing loads, and consequent changing speed of the internal combustion engine (23) occur. This allows the internal combustion engine (23) to always be operated in an optimum speed range.

IPC 8 full level

E01C 19/48 (2006.01)

CPC (source: EP)

E01C 19/48 (2013.01); **F02D 29/02** (2013.01); **F02D 41/0205** (2013.01); **F16H 61/475** (2013.01)

Citation (search report)

See references of WO 2010006759A1

Citation (examination)

US 5214916 A 19930601 - LUKICH MICHAEL S [US]

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010006759 A1 20100121; CN 102099528 A 20110615; DE 102008033565 A1 20100218; EP 2307618 A1 20110413

DOCDB simple family (application)

EP 2009005105 W 20090714; CN 200980127576 A 20090714; DE 102008033565 A 20080717; EP 09777175 A 20090714