Title (en)

METHOD FOR HEATING A PAVER SCREED

Title (de)

VERFAHREN ZUM BEHEIZEN EINER EINBAUBOHLE EINES STRASSENFERTIGERS

Title (fr)

PROCÉDÉ PERMETTANT DE CHAUFFER UNE TABLE D'UN FINISSEUR

Publication

EP 2956584 A1 20151223 (DE)

Application

EP 13707801 A 20130214

Priority

CH 2013000031 W 20130214

Abstract (en)

[origin: WO2014124545A1] The invention relates to a method for heating a paver screed (10) equipped with a heating device. The heating device has electric heating elements (2) which are supplied with an electric current by means of a current generator (1) in order to generate the heat. The electric voltage (U) which is supplied to the heating elements (2) is changed in order to change the heating output of the heating device. The electric voltage applied to the respective heating element (2) is thus increased or decreased in order to control or regulate the heating output. In this manner, an energy-efficient operation is made possible, and the service life of the heating elements (2) as well as of the generator (1) can be substantially increased. The motor which drives the generator (1) is likewise spared, and fuel is also saved when using an internal combustion engine, for example a diesel engine.

IPC 8 full level

E01C 19/48 (2006.01)

CPC (source: EP US)

E01C 19/48 (2013.01 - EP US); **H05B 3/0014** (2013.01 - US); E01C 2301/10 (2013.01 - EP US)

Citation (search report)

See references of WO 2014124545A1

Cited by

EP3413460A1; DE102017209805A1

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)

WO 2014124545 A1 20140821; BR 112015018038 A2 20170711; CN 105189870 A 20151223; EP 2956584 A1 20151223; EP 2956584 B1 20170412; US 2015361626 A1 20151217

DOCDB simple family (application)

CH 2013000031 W 20130214; BR 112015018038 A 20130214; CN 201380072972 A 20130214; EP 13707801 A 20130214; US 201314764444 A 20130214