Title (en)

METHOD FOR OPTIMIZING A CUTTING PROCESS IN ROAD MILLING MACHINES AND CORRESPONDING MILLING MACHINE

Title (de)

VERFAHREN ZUM OPTIMIEREN EINES SCHNEIDEPROZESSES BEI FRÄSMASCHINEN UND DERARTIGE FRÄSMASCHINE

Title (fr)

PROCÉDÉ POUR OPTIMISER UN PROCÉDÉ DE COUPE DANS DES FRAISEUSES POUR REVÊTEMENTS ROUTIERS ET FRAISEUSE CORRESPONDANTE

Publication

EP 1488042 A1 20041222 (DE)

Application

EP 03744775 A 20030117

Priority

- DE 10213017 A 20020322
- EP 0300441 W 20030117

Abstract (en)

[origin: WO03080935A1] The invention relates to a method for optimizing a cutting process in milling machines which are used to machine road coverings. Said milling machines comprise a milling device fitted with milling tools which is sprayed with liquid in order to cool the milling tools, in addition to a drive motor. The inventive method comprises the following steps: detection of at least one parameter which is representative of the instantaneous work output of the milling device and controlling the amount of cooling liquid supplied according to the at least one parameter which is representative of the instantaneous work output of the milling device.

IPC 1-7

E01C 23/088

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 03080935A1

Cited by

RU2750054C2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03080935 A1 20031002; AT E549461 T1 20120315; AU 2003256229 A1 20031008; CN 1643220 A 20050720; CN 1643220 B 20110914; DE 10213017 A1 20031009; EP 1488042 A1 20041222; EP 1488042 B1 20120314; US 10550530 B2 20200204; US 2005168048 A1 20050804; US 2011272997 A1 20111110; US 2014191560 A1 20140710; US 2018044864 A1 20180215; US 2018371710 A1 20181227; US 7984953 B2 20110726; US 8668274 B2 20140311; US 9689120 B2 20170627; US 9963842 B2 20180508

DOCDB simple family (application)

EP 0300441 W 20030117; AT 03744775 T 20030117; AU 2003256229 A 20030117; CN 03806716 A 20030117; DE 10213017 A 20020322; EP 03744775 A 20030117; US 201113167861 A 20110624; US 201414173872 A 20140206; US 201715627484 A 20170620; US 201815968485 A 20180501; US 50852504 A 20040921