

Title (en)
Road milling machine

Title (de)
Straßenfräsmaschine

Title (fr)
Machine à fraiser la chaussée

Publication
EP 2708651 A3 20151111 (DE)

Application
EP 13002816 A 20130531

Priority
DE 102012012395 A 20120625

Abstract (en)
[origin: US2013341997A1] The invention relates to a road milling machine, with a milling drum housing partially surrounding a milling drum, wherein the opening between the milling drum housing and the surface of the material to be milled can be closed off by a hold-down device. The distance between the axis of rotation and the hold-down device increases in the specified direction of rotation of the milling drum at least over a section of the gap between the milling drum and the hold-down device. The particular configuration of the hold-down device leads to an improvement in transport of the milled material to the transport arrangement. The gap width increasing in the direction of rotation of the milling drum improves material flow with a relatively small power requirement and relatively low wear of the milling drum.

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)

- [XD] DE 102008024651 A1 20090423 - DYNAPAC GMBH [DE]
- [XI] DE 3921875 A1 19910117 - BOMAG GMBH [DE]
- [XI] US 5893677 A 19990413 - HAEHN GUENTER [DE], et al

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)
US 2013341997 A1 20131226; US 8939515 B2 20150127; CN 103510457 A 20140115; CN 103510457 B 20160316; CN 203393585 U 20140115; DE 102012012395 A1 20140102; EP 2708651 A2 20140319; EP 2708651 A3 20151111; EP 2708651 B1 20170301; US 2015130257 A1 20150514; US 9714488 B2 20170725

DOCDB simple family (application)
US 201313790682 A 20130308; CN 201310256815 A 20130625; CN 201320368817 U 20130625; DE 102012012395 A 20120625; EP 13002816 A 20130531; US 201514600124 A 20150120