

Title (en)
Self-propelled street milling machine

Title (de)
Selbstfahrende Strassenfräsmaschine

Title (fr)
Machine automobile à fraiser la chaussée

Publication
EP 2336426 B2 20180207 (DE)

Application
EP 10195372 A 20101216

Priority
DE 102009059064 A 20091218

Abstract (en)
[origin: EP2336426A2] The machine (1) has a machine frame (2), and a rotary grinder (4) arranged at the frame. A drive device (6) drives the grinder, and a reduction gear i.e. planetary gear, is arranged between the drive device and the roller. The roller is arranged between roller housing walls of a roller housing (11), and a quick changing system has a roller base body and a milling tube element. A housing of the gear is fastened to the frame in a torque-proof manner in an inner side of the frame between the drive device and one of the roller housing walls.

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); **B28D 1/188** (2013.01 - EP US)

Citation (opposition)
Opponent :

- US 2005158120 A1 20050721 - HOLL BERND [DE], et al
- US 5722789 A 19980303 - MURRAY STUART W [US], et al
- US 2007228806 A1 20071004 - HOLL BERND [DE], et al
- US 6213560 B1 20010410 - LINDBLOM VICTOR E [US]
- US 2008203202 A1 20080828 - CLARK CEDRIC J [US], et al
- US 2009067927 A1 20090312 - STIFFLER STEPHEN P [US], et al
- US 5505598 A 19960409 - MURRAY STUART W [US]
- DE 3510596 A1 19860925 - MARKS GMBH [DE]
- WO 2010003436 A1 20100114 - MARINI SPA [IT], 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

DOCDB simple family (publication)
EP 2336426 A2 20110622; EP 2336426 A3 20130918; EP 2336426 B1 20140910; EP 2336426 B2 20180207; AU 2010241339 A1 20110707;
AU 2010241339 B2 20120705; BR PI1005595 A2 20130402; BR PI1005595 B1 20191112; CN 102102338 A 20110622;
CN 102102338 B 20130724; CN 201924265 U 20110810; DE 102009059064 A1 20110622; DE 102009059064 B4 20120426;
JP 2011127421 A 20110630; JP 5327754 B2 20131030; RU 2459029 C1 20120820; US 2011148177 A1 20110623;
US 2015204032 A1 20150723; US 8985702 B2 20150324; US 9399843 B2 20160726

DOCDB simple family (application)
EP 10195372 A 20101216; AU 2010241339 A 20101109; BR PI1005595 A 20101216; CN 201010595915 A 20101220;
CN 201020668707 U 20101220; DE 102009059064 A 20091218; JP 2010251932 A 20101110; RU 2010151909 A 20101217;
US 201514634346 A 20150227; US 96969810 A 20101216