

Title (en)
Mill cylinder for construction machinery, construction machinery and a drive unit for a mill cylinder

Title (de)
Fräswalze für eine Baumaschine, Baumaschine sowie Getriebeeinheit für eine Fräswalze

Title (fr)
Fraiseuse pour un engin, engin et unité d'engrenage pour une fraiseuse

Publication
EP 1840268 B1 20090916 (DE)

Application
EP 07102726 A 20070220

Priority
DE 102006015506 A 20060331

Abstract (en)
[origin: EP1840268A1] The roller (2) has replaceable milling pipe (4), which is coaxial to the milling roller axle (20). The milling pipe is swivel-mounted with the help of a reinforcing ring (8) on a reinforcing ring admission (12). The reinforcing ring and reinforcing ring admission of rotating support body has multiple support surfaces with different supporting diameters, that are complimentary to each other and are concentric with milling roller axle, which is arranged in series axially with sliding diameter in drawing direction. An independent claim is also included for gear unit for road miller.

IPC 8 full level
E01C 23/088 (2006.01)

CPC (source: EP US)
B28D 1/186 (2013.01 - EP US); **E01C 23/088** (2013.01 - EP US); **Y10T 29/4973** (2015.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Cited by
CN102102338A; DE102009059064B4; EP2336426A2; DE102009059064A1; US8985702B2; US9399843B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1840268 A1 20071003; EP 1840268 B1 20090916; AT E443183 T1 20091015; AU 2007201080 A1 20071018; AU 2007201080 B2 20090716; BR PI0701984 A 20080715; BR PI0701984 B1 20180130; CN 101046085 A 20071003; CN 101046085 B 20110209; DE 102006015506 B3 20071108; DE 502007001518 D1 20091029; JP 2007270611 A 20071018; JP 4781304 B2 20110928; RU 2007111855 A 20081010; RU 2345192 C1 20090127; US 2007228806 A1 20071004; US 2011115278 A1 20110519; US 7901011 B2 20110308; US 8118369 B2 20120221

DOCDB simple family (application)
EP 07102726 A 20070220; AT 07102726 T 20070220; AU 2007201080 A 20070313; BR PI0701984 A 20070330; CN 200710089561 A 20070329; DE 102006015506 A 20060331; DE 502007001518 T 20070220; JP 2007076587 A 20070323; RU 2007111855 A 20070330; US 201113013016 A 20110125; US 72798907 A 20070329