

Title (en)
Floor grinder

Title (de)
Bodenschleifmaschine

Title (fr)
Ponceuse de sol

Publication
EP 1806206 B1 20080813 (DE)

Application
EP 07000050 A 20070103

Priority
CH 332006 A 20060110

Abstract (en)
[origin: EP1806206A1] The grinder has grinding tools (30) eccentrically arranged in a body (11). A drive (1) has a drive shaft firmly connected with a main drive wheel (2). The main drive wheel is engaged with a gear drive wheel (10), tool drive wheel and a belt tensioner (3) in a force-fit manner by a single-sided drive belt. The main drive wheel, gear drive wheel and the belt tensioner are engaged with a drive belt side, which is provided with the longitudinal grooves, in a force-fit manner. The force-fit engagement to the tool drive wheels occurs via a non-grooved backside of the drive belt.

IPC 8 full level
B24B 7/18 (2006.01); **B24B 41/047** (2006.01)

CPC (source: EP US)
B24B 7/186 (2013.01 - EP US); **B24B 41/047** (2013.01 - EP US)

Cited by
DK178098B1; EP2036668A1; EP3170621A1; US11628533B2; US7563156B2; DE202015101442U1; US11440155B2; WO2017207722A1; US11633831B2; US11701751B2; CN104191355A; EP3520961A1; EP3769914A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1806206 A1 20070711; EP 1806206 B1 20080813; AT E404324 T1 20080815; DE 502007000070 D1 20080925; US 2007184762 A1 20070809; US 7393267 B2 20080701

DOCDB simple family (application)
EP 07000050 A 20070103; AT 07000050 T 20070103; DE 502007000070 T 20070103; US 65163407 A 20070108