

Title (en)

Mill cylinder for a floor milling machine and floor milling machine

Title (de)

Fräswalze für eine Bodenfräsmaschine und Bodenfräsmaschine

Title (fr)

Cylindre de fraisage pour une machine à fraiser le sol et machine à fraiser le sol

Publication

EP 2374936 A3 20140820 (DE)

Application

EP 11002790 A 20110404

Priority

DE 102010013983 A 20100406

Abstract (en)

[origin: US2011241408A1] A ground milling machine for grinding and/or removing a ground material comprises a hollow-cylindrical drum which extends in an axially longitudinal manner and on the outside circumferential area in which several milling tools are arranged for grinding and/or removing the ground material. In order to reduce abrasion it is provided that at least one face-side milling tool is arranged on the hollow-cylindrical drum in the region of at least one face side, which milling tool protrudes beyond said face side and is provided during milling to at least partly cut free the collision region (T) between said face side and the ground material to be processed. The present invention further relates to a ground milling machine with at least one such milling drum.

IPC 8 full level

B28D 1/18 (2006.01); **E01C 23/088** (2006.01)

CPC (source: EP US)

B28D 1/18 (2013.01 - EP US); **B65H 23/0251** (2013.01 - EP); **E01C 23/088** (2013.01 - EP US); **B65H 2404/1151** (2013.01 - EP)

Citation (search report)

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- [X] US 5775781 A 19980707 - SAWTELLE RANDY R [US], et al
- [Y] EP 0872627 A1 19981021 - KEYSTONE ENG & MFG CORP [US]

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CN103276658A

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)

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DOCDB simple family (application)

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