

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 B1 20181017 (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

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

Cited by

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

DOCDB simple family (publication)

DE 102010013983 A1 20111006; **DE 102010013983 B4 20160121**; CN 102286913 A 20111221; CN 102286913 B 20151125; DE 202010018288 U1 20150803; EP 2374936 A2 20111012; EP 2374936 A3 20140820; EP 2374936 B1 20181017; ES 2706390 T3 20190328; US 2011241408 A1 20111006; US 8672416 B2 20140318

DOCDB simple family (application)

DE 102010013983 A 20100406; CN 201110162940 A 20110406; DE 202010018288 U 20100406; EP 11002790 A 20110404; ES 11002790 T 20110404; US 201113079407 A 20110404