

Title (en)

RAMPING INSERT AND HIGH-FEED MILLING TOOL ASSEMBLY

Title (de)

EINTAUCHINSATZ UND HOCHLEISTUNGSFRÄSWERKZEUGANORDNUNG

Title (fr)

INSERT DE RAMPING ET ENSEMBLE OUTIL DE FRAISAGE À VITESSE ÉLEVÉE

Publication

EP 3475019 A1 20190501 (EN)

Application

EP 17733543 A 20170606

Priority

- US 201615189415 A 20160622
- IL 2017050630 W 20170606

Abstract (en)

[origin: WO2017221232A1] A high-feed milling tool assembly (10) includes a tool (12) and a ramping insert (14). The ramping insert (14) includes ramping, feed and side sub-edges (14A, 14C, 14B). The ramping and feed sub-edges (14A, 14C) are longer than the side sub-edges (14B). Also, the ramping and feed sub-edges (14A, 14C) converge with increasing proximity to the side sub-edge (14B) to which they are both connected.

IPC 8 full level

B23C 5/06 (2006.01); **B23C 5/20** (2006.01)

CPC (source: EP IL KR)

B23C 5/06 (2013.01 - EP IL KR); **B23C 5/202** (2013.01 - EP IL KR); **B23C 2200/203** (2013.01 - EP IL KR); **B23C 2200/205** (2013.01 - EP IL KR); **B23C 2200/367** (2013.01 - EP IL KR)

Citation (search report)

See references of WO 2017221232A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017221232 A1 20171228; BR 112018076617 A2 20190402; CA 3025103 A1 20171228; CN 109641292 A 20190416; CN 109641292 B 20210316; EP 3475019 A1 20190501; IL 263140 A 20181231; IL 263140 B 20220601; JP 2019518617 A 20190704; JP 7008037 B2 20220125; KR 102330032 B1 20211124; KR 20190027824 A 20190315; RU 2018138797 A 20200722; TW 201801827 A 20180116

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