

Title (en)

Taper tap or breaker plate for multi-part cutting sets

Title (de)

Vorschneider- oder Lochscheibe für mehrteilige Schneidsätze

Title (fr)

Disque perforé ou plaque de pré-découpage pour ensembles de coupe en plusieurs parties

Publication

**EP 2338602 A3 20170315 (DE)**

Application

**EP 10004657 A 20100503**

Priority

DE 202009017439 U 20091223

Abstract (en)

[origin: EP2338602A2] The system has passage openings (1) exhibiting a feeding zone (2) for a raw material at an inlet side. The openings are provided with knife zones (4), at which a knife cut (3) that runs in a conveying direction is produced. The feeding zone is designed in a conical and deeper manner. The knife cut is provided with a hard surface coating, where a passage length of the knife zones is larger around a factor three in relation to the feeding zone. The knife cut is integrated in a contour form of a tool base body.

IPC 8 full level

**B02C 18/36** (2006.01)

CPC (source: EP)

**B02C 18/36** (2013.01); **B02C 18/365** (2013.01)

Citation (search report)

- [XAI] DE 69813745 T2 20040318 - COZZINI OTM SOUCY [FR]
- [X] FR 972882 A 19510205 - MANTELET & BOUCHER
- [X] DE 2451389 A1 19760506 - MOLIST MUNTANA EUDALDO

Cited by

DE102015203790A1; RU186537U1; EP3064275A1; DE102015203790B4

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**DE 202009017439 U1 20100318**; DK 2338602 T3 20180522; EP 2338602 A2 20110629; EP 2338602 A3 20170315; EP 2338602 B1 20180314; ES 2666461 T3 20180504

DOCDB simple family (application)

**DE 202009017439 U 20091223**; DK 10004657 T 20100503; EP 10004657 A 20100503; ES 10004657 T 20100503