

Title (en)

OUTER CIRCUMFERENCE CUTTING WHEEL AND MAKING METHOD THEREOF

Title (de)

SCHNEIDSCHEIBE MIT AUSSEN SCHNEIDKANTE UND VERFAHREN IHRER HERSTELLUNG

Title (fr)

LAME DE COUPE À CIRCONFÉRENCE EXTERNE ET SON PROCÉDÉ DE FABRICATION

Publication

**EP 3412409 A1 20181212 (EN)**

Application

**EP 18175786 A 20180604**

Priority

JP 2017114180 A 20170609

Abstract (en)

An outer blade cutting wheel (10) includes an annular thin disc base(1) and a blade section (2) of bonded abrasive grains formed on the periphery of the base. The blade section (2) includes widthwise side portions each of which is provided with channels extending from an inner perimeter to an outer perimeter of the blade section. The cutting wheel (10) is capable of cutoff machining at a high feed speed while maintaining a high accuracy and a low cutting load.

IPC 8 full level

**B24D 5/12** (2006.01); **B24D 3/06** (2006.01); **B24D 3/28** (2006.01); **B24D 18/00** (2006.01)

CPC (source: CN EP US)

**B24D 3/06** (2013.01 - EP US); **B24D 3/28** (2013.01 - EP US); **B24D 5/12** (2013.01 - CN EP US); **B24D 18/0018** (2013.01 - EP US); **B28D 1/121** (2013.01 - EP US)

Citation (applicant)

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Citation (search report)

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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)

**EP 3412409 A1 20181212**; **EP 3412409 B1 20210106**; CN 109015430 A 20181218; CN 109015430 B 20220405; EP 3680065 A1 20200715; EP 3680065 B1 20231227; HU E065738 T2 20240628; JP 2018202591 A 20181227; JP 2022113768 A 20220804; JP 7087284 B2 20220621; JP 7533528 B2 20240814; PH 12018000160 A1 20190211; PL 3680065 T3 20240506; US 2018354099 A1 20181213

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