

Title (en)

METHOD FOR MAKING OUTER BLADE CUTTING WHEELS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON AUSSENKLINGENSCHNEIDRÄDERN

Title (fr)

PROCÉDÉ DE FABRICATION DE ROULLETTES DE COUPE D'UNE LAME EXTERNE

Publication

**EP 3680065 A1 20200715 (EN)**

Application

**EP 20160891 A 20180604**

Priority

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- EP 18175786 A 20180604

Abstract (en)

An outer blade cutting wheel 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 includes widthwise side portions each of which is provided with channels (21) extending from an inner perimeter to an outer perimeter of the blade section. The cutting wheel is made by an electroplating method in which jig segments (51) applied to the base disc have flanges (51a) which define a cavity (c) for the abrasive grains and bond metal and also have protrusions (511) for forming the channels.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (applicant)

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- JP S63175171 A 19880719 - RHOVYL
- JP S63175172 A 19880719 - KANEBO LTD
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- EP 1050375 A1 20001108 - SANKYO DIAMOND IND CO LTD [JP]
- JP 2017114180 A 20170629 - TOYOTA BOSHOKU CORP

Citation (search report)

- [AD] EP 2543478 A2 20130109 - SHINETSU CHEMICAL CO [JP]
- [A] EP 2612728 A2 20130710 - SHINETSU CHEMICAL CO [JP]
- [A] JP 2000210871 A 20000802 - ASAHI DIAMOND IND
- [A] JP 5181799 B2 20130410

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