

Title (en)
Set diamond blade

Title (de)
Geschränkte Diamantscheibe

Title (fr)
Disque à diamant incliné

Publication
EP 2193882 A3 20100908 (DE)

Application
EP 09174844 A 20091103

Priority
DE 102008060222 A 20081204

Abstract (en)
[origin: EP2193882A2] The segmented cutting disk, particularly diamond cutting disk, has a steel blade and cutting segments (12,13), which are arranged over an extent of the steel blade. The steel blade defines a central cutting plane. A segment gap is provided between two cutting segments in each case. The cuts of the cutting segments are arranged with respect to the central cutting plane in a shifted manner. An independent claim is included for a method for manufacturing a cutting disk.

IPC 8 full level
B24D 5/12 (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP)
B24D 5/123 (2013.01); **B24D 18/0009** (2013.01)

Citation (search report)

- [X] DE 3504343 A1 19860814 - BUEDIAM DIAMANTWERKZEUGE W UND [DE]
- [X] AT 350950 B 19790625 - SWAROVSKI TYROLIT SCHLEIF [AT]
- [X] US 5016498 A 19910521 - MATSUDA YUSAKU [JP]
- [A] WO 2006112670 A1 20061026 - EHWA DIAMOND IND CO LTD [KR], et al

Cited by
DE102012106188A1; DE102013110009B3; CN105636747A; DE102012106188B4; US9902043B2; DE202012002545U1; WO2015036377A1

Designated contracting state (EPC)
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)
AL BA RS

DOCDB simple family (publication)
EP 2193882 A2 20100609; EP 2193882 A3 20100908; EP 2193882 B1 20110928; AT E526114 T1 20111015; DE 102008060222 A1 20100610; ES 2372452 T3 20120119

DOCDB simple family (application)
EP 09174844 A 20091103; AT 09174844 T 20091103; DE 102008060222 A 20081204; ES 09174844 T 20091103