

Title (en)  
ABRASIVE GRINDING WHEEL AND RELATED PRODUCTION METHOD

Title (de)  
SCHLEIFSCHEIBE UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)  
ROUE DE MEULAGE ABRASIVE ET PROCÉDÉ DE PRODUCTION ASSOCIÉ

Publication  
**EP 3599052 A1 20200129 (EN)**

Application  
**EP 19183760 A 20190702**

Priority  
IT 201800007516 A 20180726

Abstract (en)  
An abrasive grinding wheel (10) that comprises an annular body (20) made of abrasive material provided with a central hole (21) and a reducing ring (30) provided with a central attachment hole (32), wherein the reducing ring (30) is inserted into the central hole (21) so that the attachment hole (32) of the reducing ring (30) is coaxial with respect to the central hole (21) of the annular body (20), wherein the reducing ring (30) comprises two opposing enlarged axial end stretches (311 and 312) configured to axially lock the reducing ring (30) to the central hole (21) of the annular body (20).

IPC 8 full level  
**B24D 5/16** (2006.01); **B24D 7/16** (2006.01); **B24D 13/20** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP US)  
**B24D 5/16** (2013.01 - EP); **B24D 7/16** (2013.01 - EP US); **B24D 13/20** (2013.01 - EP); **B24D 18/00** (2013.01 - EP); **B24D 2201/00** (2013.01 - EP)

Citation (search report)

- [X] US 6019603 A 20000201 - VON WEISSENFLUH HANS [CH], et al
- [X] US 4988294 A 19910129 - DUBE D ROBERT [US], et al
- [XAI] US 4889489 A 19891226 - VON WEISSENFLUH BEAT [CH]
- [X] EP 2527090 A1 20121128 - SANKYO DIAMOND IND CO LTD [JP]
- [A] JP 5351465 B2 20131127
- [A] EP 1060053 B1 20030625 - MINNESOTA MINING & MFG [US]

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 3599052 A1 20200129**; CA 3048560 A1 20200126; IT 201800007516 A1 20200126; US 2020030940 A1 20200130

DOCDB simple family (application)  
**EP 19183760 A 20190702**; CA 3048560 A 20190703; IT 201800007516 A 20180726; US 201916520441 A 20190724