

Title (en)  
A CIRCULAR-SHAPED ABRASIVE DEVICE

Title (de)  
KREISFÖRMIGE SCHLEIFVORRICHTUNG

Title (fr)  
DISPOSITIF ABRASIF DE FORME CIRCULAIRE

Publication  
**EP 3725461 A1 20201021 (EN)**

Application  
**EP 20020163 A 20200408**

Priority  
IT 201900001286 U 20190415

Abstract (en)  
A circular-shaped abrasive device (10) configured to rotate around its own centre of rotation (1), and comprising a substantially flat front surface (2) with a plurality of openings. The openings comprise a series of through holes (4) which are positioned on the front surface (2) at areas surrounding the points identified by the intersection of a first set of geometric lines, formed of concentric circumferences (5) coplanar to the front surface (2) and having a centre of symmetry coinciding with the centre of rotation (1) of the abrasive device (10) and three second sets (7, 7', 7'') of geometric lines, each formed of concentric ellipses (6), coplanar to the front surface (2).

IPC 8 full level  
**B24D 9/08** (2006.01); **B24B 55/10** (2006.01); **B24D 11/00** (2006.01)

CPC (source: EP)  
**B24B 55/102** (2013.01); **B24D 9/08** (2013.01)

Citation (search report)  
• [A] WO 2013102206 A1 20130704 - SAINT GOBAIN ABRASIVES INC [US], et al  
• [A] DE 202010012502 U1 20101118 - BOSCH GMBH ROBERT [DE]

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 3725461 A1 20201021**; **EP 3725461 B1 20211208**; IT 201900001286 U1 20201015

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