

Title (en)
Flap grinding disc

Title (de)
Fächerschleifscheibe

Title (fr)
Disque à surfacer à lamelles

Publication
EP 2708326 B1 20150902 (DE)

Application
EP 13003275 A 20130627

Priority
• DE 102012018435 A 20120918
• DE 102012021267 A 20121029

Abstract (en)
[origin: EP2708326A2] The disk (1) has a circular disk-shaped carrier plate (2) formed with a through-hole (3). Abrasive flaps (4) of abrasive cloth are coated on the carrier plate. A base fabric, a ground fabric and abrasive grain mixture are included in the disk, where the grain mixture is provided with 25-75 percentages zirconia and 25- 75 percentages alumina and number of the abrasive flaps is between 30-46 pieces. The base fabric is obtained from polyester and a mixture of polyester and cotton, where diameter (D) of the disk is specified from 115 mm to 125 mm.

IPC 8 full level
B24D 13/16 (2006.01)

CPC (source: EP US)
B24D 3/28 (2013.01 - EP US); **B24D 11/00** (2013.01 - EP US); **B24D 13/16** (2013.01 - EP US)

Citation (opposition)
Opponent : KLINGSPOR AG
• US 6582289 B1 20030624 - EISENBERG GUSTAV [DE]
• DE 19853550 C1 20000309 - VER SCHMIRGEL & MASCHF [DE]
• GB 1392618 A 19750430 - NORTON CO
• GB 976248 A 19641125 - CARBORUNDUM CO
• WO 2005087436 A1 20050922 - CIBO N V [BE], et al
• DE 8506607 U1 19850418
• DE 69917490 T2 20050602 - PRODUITS REFRACTAIRES [FR]
• DE 202009007564 U1 20101014 - LUKAS ERZETT SCHLEIF FRAES [DE]
• DE 102010019242 B4 20120119 - SPINNWEBEREI UHINGEN GMBH [DE]
• US 2006160480 A1 20060720 - KEULER JOSEF [DE]
• US 3867795 A 19750225 - HOWARD WILLIAM C
• FR 2832088 A1 20030516 - GRASSER THIERRY [FR]

Cited by
DE102015011442A1; RU2689834C9; US11273535B2; WO2017032396A1

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

DOCDB simple family (publication)
EP 2708326 A2 20140319; EP 2708326 A3 20140723; EP 2708326 B1 20150902; EP 2708326 B8 20160309; ES 2553006 T3 20151203;
US 11667010 B2 20230606; US 2014080392 A1 20140320; US 2020180114 A1 20200611

DOCDB simple family (application)
EP 13003275 A 20130627; ES 13003275 T 20130627; US 201314028708 A 20130917; US 201916598507 A 20191010