

Title (en)  
Fan-folded abrasive disc

Title (de)  
Fächer-Schleifscheibe

Title (fr)  
Disque abrasif en éventail

Publication  
**EP 1859905 A3 20080416 (DE)**

Application  
**EP 06026974 A 20061228**

Priority  
DE 102006024015 A 20060523

Abstract (en)  
[origin: EP1859905A2] The grinding wheel has grinding plates that form a triangle with an outer corner (2), an inner corner and a rear corner (4) in a basic form. The grinding plates are arranged in uniform angular distances on an edge region of a supporting disc under formation of a grinding plates-pocket (13) such that the outer corner limits a part of an outer edge (14) of the packet, and the rear corner runs leadingly from an inner edge (19) to the outer edge of the packet with respect to a rotary direction (16), where the grinding plates-material is concentrated in a radial outer region of the packet.

IPC 8 full level  
**B24D 13/16** (2006.01); **B24D 11/00** (2006.01)

CPC (source: EP US)  
**B24D 11/008** (2013.01 - EP US); **B24D 13/14** (2013.01 - EP US); **B24D 13/16** (2013.01 - EP US)

Citation (search report)  
[DA] EP 1142673 B1 20050720 - LUKAS ERZETT SCHLEIF FRAES [DE]

Cited by  
DE102009054696A1; EP2153939A1; DE102010046878B3; WO2012052090A1; WO2008083994A1; WO2010020301A1; EP2335877A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1859905 A2 20071128; EP 1859905 A3 20080416; EP 1859905 B1 20081001**; AT E409550 T1 20081015; AU 2007202297 A1 20071213; AU 2007202297 B2 20110825; BR PI0702553 A 20080311; BR PI0702553 B1 20190806; CA 2586791 A1 20071123; CA 2586791 C 20130625; CN 101077571 A 20071128; CN 101077571 B 20100616; DE 102006024015 A1 20071129; DE 502006001687 D1 20081113; DK 1859905 T3 20090126; ES 2313537 T3 20090301; MX 2007006000 A 20090109; PL 1859905 T3 20090130; RU 2007117362 A 20081120; RU 2424890 C2 20110727; TW 200800503 A 20080101; TW I408026 B 20130911; US 2007275643 A1 20071129; US 7481699 B2 20090127; ZA 200703921 B 20080827

DOCDB simple family (application)  
**EP 06026974 A 20061228**; AT 06026974 T 20061228; AU 2007202297 A 20070522; BR PI0702553 A 20070514; CA 2586791 A 20070501; CN 200710104871 A 20070523; DE 102006024015 A 20060523; DE 502006001687 T 20061228; DK 06026974 T 20061228; ES 06026974 T 20061228; MX 2007006000 A 20070518; PL 06026974 T 20061228; RU 2007117362 A 20070510; TW 96114026 A 20070420; US 75263207 A 20070523; ZA 200703921 A 20070515