

Title (en)

GRINDING PAD, GRINDING PAD CARRIER BODY AND GRINDING WHEEL

Title (de)

SCHLEIFPAD, SCHLEIFPADTRÄGERKÖRPER UND SCHLEIFSCHEIBE

Title (fr)

TAMPON DE BROUAGE, CORPS DE SUPPORT DE TAMPON DE BROUAGE ET MEULE

Publication

EP 3892421 A1 20211013 (EN)

Application

EP 20168509 A 20200407

Priority

EP 20168509 A 20200407

Abstract (en)

The invention provides a grinding wheel carrier body, comprising: a carrier body outer surface configured to carry a grinding pad; a carrier body inner surface with one or more mounting points for detachably mounting the carrier body on an outer circumferential surface of a grinding wheel body; leading and trailing faces; and first and second outerfaces. The leading and trailing faces of the carrier body are configured such that the leading and trailing faces are oblique to a direction of rotation of a grinding wheel when the carrier body is mounted on the grinding wheel body. The invention provides a grinding pad for mounting to the carrier body, and a grinding wheel provided with a plurality of such carrier bodies.

IPC 8 full level

B24D 5/06 (2006.01)

CPC (source: EP)

B24D 5/06 (2013.01)

Citation (applicant)

- EP 1629944 A1 20060301 - SAINT GOBAIN ABRASIVES INC [US]
- DE 19753618 A1 19990617 - DIEWE DIAMANTWERKZEUGE GMBH [DE]
- EP 2335877 A2 20110622 - RUEGGEBERG AUGUST GMBH & CO KG [DE]

Citation (search report)

- [XA] GB 264308 A 19270120 - ELWIN RUFUS HYDE, et al
- [XA] DE 8809288 U1 19881124
- [XA] EP 2095908 A1 20090902 - JTEKT CORP [JP], et al
- [A] EP 1518647 A2 20050330 - INLAND DIAMOND PRODUCTS COMPAN [US]
- [A] US 945526 A 19100104 - HART GILBERT [US]
- [A] EP 0124161 A2 19841107 - PACINI ERMANNO

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 3892421 A1 20211013; EP 3892421 B1 20230125

DOCDB simple family (application)

EP 20168509 A 20200407