

Title (en)

Grinding wheel, in particular for longitudinal or transverse grinding

Title (de)

Schleifscheibe, insbesondere zum Längs- oder Querschleifen

Title (fr)

Meule de ponçage, en particulier pour le ponçage longitudinal ou transversal

Publication

EP 2623264 B1 20210728 (DE)

Application

EP 13151133 A 20130114

Priority

DE 102012002105 A 20120206

Abstract (en)

[origin: EP2623264A2] The grinding wheel has an inner core section (10) and an outer annular grinding section (11) which are connected to each other. The annular grinding section is made of granular abrasive material. The grinding section is formed by an abrasive section and the core section including plastic or glass fibers based on the mass of the abrasive section. The grinding section is made of metal or metal alloy matrix, or contains a thermosetting resin, where the granular abrasive contains plastic or glass fibers. A curing agent is provided, which contains bauxite, graphite or molybdenum sulfide.

IPC 8 full level

B24D 3/34 (2006.01); **B24D 5/04** (2006.01); **B24D 5/08** (2006.01); **B24D 5/14** (2006.01)

CPC (source: EP US)

B24D 3/001 (2013.01 - US); **B24D 3/342** (2013.01 - US); **B24D 3/344** (2013.01 - EP); **B24D 5/04** (2013.01 - EP US); **B24D 5/08** (2013.01 - EP); **B24D 5/14** (2013.01 - EP)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2623264 A2 20130807; **EP 2623264 A3 20170823**; **EP 2623264 B1 20210728**; CN 103240684 A 20130814; DE 102012002105 A1 20130808; US 2013203326 A1 20130808

DOCDB simple family (application)

EP 13151133 A 20130114; CN 201310046053 A 20130206; DE 102012002105 A 20120206; US 201313759193 A 20130205