

Title (en)

GRINDING WHEEL

Publication

EP 0239918 A3 19900307 (EN)

Application

EP 87104352 A 19870324

Priority

US 84733486 A 19860402

Abstract (en)

[origin: EP0239918A2] A composite grinding wheel having an abrasive rim containing super abrasive grits, an active halide filler, and particulate silver, mounted on an aluminum powder filled polymer core is improved as to electrolytic degradation between the rim and the core by substituting copper or some other non-aluminum filler for the aluminum in the core immediately adjacent to grinding section of the wheel.

IPC 1-7

B24D 3/34; **B24D 7/14**

IPC 8 full level

B24D 3/00 (2006.01); **B24D 3/02** (2006.01); **B24D 5/00** (2006.01); **B24D 5/04** (2006.01); **B24D 7/00** (2006.01); **B24D 7/04** (2006.01)

CPC (source: EP)

B24D 5/04 (2013.01); **B24D 7/04** (2013.01)

Citation (search report)

- [A] US 3592618 A 19710713 - ALDEN GARDNER E
- [A] US 3984214 A 19761005 - PRATT WILLARD R, et al
- [A] US 3816997 A 19740618 - RUPP W
- [A] DE 1544643 A1 19700115 - BAY STATE ABRASIVE PRODUCTS CO

Cited by

US5219463A; US5110321A; US11712775B2; DE202017004776U1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0239918 A2 19871007; **EP 0239918 A3 19900307**; **EP 0239918 B1 19930127**; BR 8701479 A 19880119; CA 1324492 C 19931123; DE 3783791 D1 19930311; DE 3783791 T2 19930519; JP H0671706 B2 19940914; JP S62251079 A 19871031; ZA 871902 B 19871125

DOCDB simple family (application)

EP 87104352 A 19870324; BR 8701479 A 19870401; CA 531338 A 19870306; DE 3783791 T 19870324; JP 7763087 A 19870401; ZA 871902 A 19870316