

Title (en)
RESINOID GRINDING WHEEL

Title (de)
HARZGEBUNDENE SCHLEIFSCHEIBE

Title (fr)
MEULE RESINOIDE

Publication
EP 0963813 A1 19991215 (EN)

Application
EP 98955931 A 19981125

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• JP 34410197 A 19971128

Abstract (en)
A resinoid grinding wheel of the present invention has low grinding resistance and is capable of providing a ground workpiece excellent in ground surface quality without burn mark while maintaining essential properties of the resinoid grinding wheel such as low elastic modulus and strong force for holding abrasive grains. A typical resinoid grinding wheel of the present invention includes 25 parts by volume of Al₂O₃ abrasive grains with grain size of #150, 20 parts by volume of organic hollow material with average particle diameter of 80 μ m, and 10 parts by volume of pores having 1 mm in size. They are all dispersed in 40 parts by weight of a bond made of cured epoxy resin.

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IPC 8 full level
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Cited by
CN109968221A; US9138866B2; US8771390B2; US9266220B2; US8784519B2; WO0185394A1; US9409279B2

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