

Title (en)
Abrasive material.

Title (de)
Schleifmittel.

Title (fr)
Matériau abrasive.

Publication
EP 0536596 A1 19930414 (DE)

Application
EP 92116325 A 19920924

Priority
DE 4133191 A 19911007

Abstract (en)
An abrasive material (abradant) based on finely divided abrasive particles bonded to one another and/or to a support by means of a binder, where the binder is the solid component of an aqueous polymer dispersion obtainable by polymerising unsaturated monomers which can be polymerised by means of free radicals, in the aqueous phase in the presence of a monosaccharide, oligosaccharide or polysaccharide, oxidatively, hydrolytically and/or enzymatically degraded polysaccharides, chemically modified mono-, oligo- and polysaccharides, or mixtures of said compounds, by the process of free-radical aqueous emulsion polymerisation.

Abstract (de)
Schleifmittel auf der Basis von untereinander und/oder auf einem Träger mittels eines Bindemittels gebundenen feinteiligen Schleifpartikeln, wobei das Bindemittel der Feststoffanteil einer wäßrigen Polymerisatidispersion ist, die dadurch erhältlich ist, daß man radikalisch polymerisierbare ungesättigte Monomere in wäßriger Phase in Anwesenheit eines Monosaccharids, Oligosaccharids, Polysaccharids, oxidativ, hydrolytisch und/oder enzymatisch abgebauten Polysacchariden, chemisch modifizierten Mono-, Oligo- und Polysacchariden oder Mischungen der genannten Verbindungen nach dem Verfahren der radikalischen wäßrigen Emulsionspolymerisation polymerisiert.

IPC 1-7
B24D 3/20; **B24D 3/30**; **C08J 5/14**

IPC 8 full level
B24D 3/20 (2006.01); **B24D 3/30** (2006.01); **C08F 2/22** (2006.01); **C08J 5/14** (2006.01); **C08L 51/02** (2006.01); **C09K 3/14** (2006.01)

CPC (source: EP US)
B24D 3/20 (2013.01 - EP US)

Citation (search report)
• [YD] EP 0261098 A2 19880323 - IGEL SCHLEIFMITTEL [AT]
• [Y] EP 0134449 B1 19890201
• [A] DE 3046696 A1 19820715 - REX PATENT [DE]

Cited by
EP1731551A4; EP2540445A1; US7544733B2; WO2016005468A1

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DOCDB simple family (publication)
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