Title (en)
A FLEXIBLE ABRASIVE COATED ARTICLE AND METHOD OF MAKING IT

Publication
EP 0263785 B1 19910306 (EN)

Application
EP 87810529 A 19870915

Priority
- CA 518201 A 19860915
- CA 530811 A 19870227
- CA 542562 A 19870721

Abstract (en)
[origin: EP0263785A1] In the production of an abrasive member, an apertured mask, preferably formed of a resin such as polyvinyl chloride, is applied to one surface of a length of flexible, preferably electrically conducting fabric. A metal, such as nickel, is electrolytically deposited on the fabric through the apertures in the mask in the presence of abrasive particles. The fabric may be in the form of a conductive mesh, in which case it can be laminated onto a tough backing material. Alternatively, tough backing material, for example made of poly-aramid yarn, can be rendered conductive by coating it with vaporized metal, the metal deposits being formed directly in the coated backing fabric. This process simplifies manufacture and allows production on a continuous basis with greater throughput at lower cost

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B24D 3/06; B24D 3/10

IPC 8 full level
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CPC (source: EP)
B24D 3/002 (2013.01); B24D 3/06 (2013.01); B24D 3/34 (2013.01); B24D 11/005 (2013.01); B24D 11/06 (2013.01); B24D 18/0018 (2013.01); C25D 15/00 (2013.01)

Cited by
EP0594095A1; FR2860743A1; EP1525949A1; EP0623424A1; NL9300661A; US5389119A; DE19727104A1; DE19727104C2; EP0510823A3; US6096107A; NL9401528A; EP0276946A3; US6383064B1; US7029367B2; WO9609139A1

Designated contracting state (EPC)
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