

Title (en)
ABRASIVE MATERIAL AND METHOD OF FORMING SAME

Title (de)
SCHEUERMATERIAL UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
MATERIAU ABRASIF ET PROCEDE DE PRODUCTION

Publication
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Application
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Abstract (en)
[origin: WO9943491A1] The present invention provides an abrasive material (50) comprising a base surface having a plurality of pyramidal shapes protruding therefrom the base surface and the protrusions (52) being formed of the same material, each protrusion (52) having a substantially triangular, square, or polygonal base and triangular sides which meet at an apex which substantially forms a point. The protrusions (52) provide intermixed cutting and planning edges in a pattern such that the material (50) is capable of abrading independent of direction of use. A coating (56) is applied to improve abrasive performance and reduce surface porosity. A method of forming the abrasive material (50) is also provided.

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