

Title (en)

Grinding wheel available for cutting and grinding

Title (de)

Schleifscheibe zum Trennen und Schleifen

Title (fr)

Meule pour tronçonner et meuler

Publication

EP 0974425 A1 20000126 (EN)

Application

EP 99114425 A 19990722

Priority

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Abstract (en)

The present invention relates to a grinding wheel available for cutting and grinding, having a protruding part formed to be folded at a center of a circular plate, the protruding part having a connecting hole at its center, the circular plate having a plurality of through holes and a plurality of cutting edges around its circumference, the cutting edges being coated with diamond particles on their outer surfaces to form a cutting diamond coating layer, the circular plate being coated with diamond particles on its both sides to form a grinding diamond coating layer. The present invention is available for cutting and grinding an object, disperses force during the cutting and grinding, and maximizes effect of discharging chips and dispersing heat, thereby maximizing cutting and grinding effect and lengthening a life of the grinding wheel. The present invention also allows the grinding wheel to work in both straight and curve lines and to finely process both sides of cutting surface of the object due to the diamond coating layer. This diamond coating layer makes it possible to reduce load on the object, thereby lengthening the life of the grinding wheel. <IMAGE>

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CPC (source: EP)

B24D 5/123 (2013.01); **B24D 7/12** (2013.01)

Citation (search report)

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