

Title (en)

Circular saw blade having a support disc with holes of different sizes

Title (de)

Kreissägeblatt mit Löcher unterschiedlicher Diameter aufweisendem Stamblatt

Title (fr)

Lame de scie circulaire ayant un corps de lame à trous de diamètres différents

Publication

EP 1270161 A1 20030102 (EN)

Application

EP 01305679 A 20010629

Priority

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Abstract (en)

A circular saw blade (1) has a pattern of holes (5) in its body and cutting elements (3) around its periphery. The presence of the holes (5) enhances the properties of the circular saw blade, examples of which are improved heat dissipation and reduced weight. Holes of various sizes are arranged on the saw in such a way so as to provide the associated benefits in certain regions of the saw whilst maintaining structural strength in other regions of the saw, as it is required. <IMAGE>

IPC 1-7

B28D 1/12; B23D 61/02

IPC 8 full level

B23D 61/02 (2006.01)

CPC (source: EP)

B23D 61/025 (2013.01)

Citation (search report)

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- [X] DATABASE WPI Section PQ Week 199809, Derwent World Patents Index; Class P63, AN 1998-099326, XP002184473
- [X] SOVIET INVENTIONS ILLUSTRATED Section PQ Week 9101, Derwent World Patents Index; Class P63, AN 91-005476, XP002184442

Designated contracting state (EPC)

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