

Title (en)
INTERNAL DIAMETER CUTTING WHEEL

Publication
EP 0268152 B1 19920506 (DE)

Application
EP 87116283 A 19871105

Priority
DE 3639700 A 19861120

Abstract (en)
[origin: US4850331A] A saw for cutting thin disks from a bar includes a thin blade provided with an inner hole and having in the peripheral region of that hole a diamond coating which has a different thickness on two opposing external sides of the blade to avoid bending of the blade due to a non-uniform loading of the blade. The coating is thicker on the non-stable side of the blade, which faces the disk being cut off.

IPC 1-7
B24D 5/12

IPC 8 full level
B24D 5/12 (2006.01)

CPC (source: EP US)
B24D 5/126 (2013.01 - EP US)

Designated contracting state (EPC)
DE GB IT NL

DOCDB simple family (publication)
EP 0268152 A2 19880525; EP 0268152 A3 19900117; EP 0268152 B1 19920506; DE 3639700 A1 19880601; DE 3778832 D1 19920611; JP S63200971 A 19880819; US 4850331 A 19890725

DOCDB simple family (application)
EP 87116283 A 19871105; DE 3639700 A 19861120; DE 3778832 T 19871105; JP 29075987 A 19871119; US 12041687 A 19871113