

Title (en)
Rotary cutting blade.

Title (de)
Kreissägeblatt.

Title (fr)
Lame de scie circulaire.

Publication
EP 0425789 A2 19910508 (EN)

Application
EP 90116622 A 19900830

Priority
JP 12732789 U 19891031

Abstract (en)
A rotary cutting blade having an improved cutting tooth structure is provided. A plurality of abrasive impregnated cutting teeth (4) are secured to the circumferential surface of a blade body. Each cutting tooth (4) has a substantially arcuate outer peripheral surface (7) with a leading cutting edge. A first side surface (5) of each tooth is substantially flat while an opposing second side surface (6) has a plurality of grooves (8) cut into the tooth. The grooves (8) are arranged to intersect the tooth's peripheral surface. Thus, the grooves (8) cooperate with the leading edge to provide a plurality of cutting surfaces on each tooth. The teeth are then arranged successively along the circumferential surface of the blade such that their respective grooved surfaces alternately face in opposing directions.

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