

Title (en)

Saw blade and method for multiple sawing of rare earth magnet

Title (de)

Sägeblatt und Verfahren zum mehrfachen Sägen eines Seltenerdmagneten

Title (fr)

Lame de scie et procédé pour sciage multiple d'aimant à teneur en terre rare

Publication

EP 2596929 B1 20170222 (EN)

Application

EP 12194492 A 20121127

Priority

JP 2011259157 A 20111128

Abstract (en)

[origin: EP2596929A1] A multiple blade assembly comprising a plurality of spaced apart saw blades mounted on a rotating shaft is used for sawing a rare earth magnet block into multiple pieces by rotating the plurality of saw blades (11). The saw blade comprises a core in the form of a thin doughnut disk (11b,21) and a peripheral cutting part (11a,23) on an outer peripheral rim of the core. The cutting part is made of a composition comprising an abrasive, a resin binder, and a lubricant.

IPC 8 full level

B24D 3/34 (2006.01); **B28D 5/02** (2006.01)

CPC (source: EP KR US)

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Citation (examination)

- JP 2004050331 A 20040219 - ASAHI DIAMOND IND
- WISSLER ET AL: "Graphite and carbon powders for electrochemical applications", JOURNAL OF POWER SOURCES, ELSEVIER SA, CH, vol. 156, no. 2, 1 June 2006 (2006-06-01), pages 142 - 150, XP027937679, ISSN: 0378-7753, [retrieved on 20060601]

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