

Title (en)

Rare-earth bonded magnet, material therefor and method for manufacturing a bonded magnet

Title (de)

Selten-Erden-Verbundmagnet, Material dafür und Herstellungsverfahren eines gebundenen Magneten

Title (fr)

Aimant de terre rare à liant, matériau pour cela et méthode pour produire un aimant lié

Publication

EP 0549149 B1 19960228 (EN)

Application

EP 92310935 A 19921201

Priority

JP 34503991 A 19911226

Abstract (en)

[origin: EP0549149A1] A rare-earth bonded magnet is improved in its heat resistance by coating rare-earth magnetic powder with heat resisting addition polymerized thermosetting resin consisting mainly of triazine resin because oxidation of the rare-earth magnetic powder is prevented or retarded by triazine rings formed in the coating film of the thermosetting resin consisting mainly of the triazine resin. The heat resistance of the bonded magnet is further improved by curing the thermosetting resin in a vacuum and by adding organometallic salt in the thermosetting resin as a metallic catalyser since the coating film is formed more firmly.

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IPC 8 full level

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CPC (source: EP)

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Cited by

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