

Title (en)

Method of manufacturing a casted magnet

Title (de)

Verfahren zur Herstellung eines gegossenen Magnetes

Title (fr)

Procédé de fabrication d'un aimant moulé

Publication

EP 2337037 B1 20160210 (FR)

Application

EP 10194483 A 20101210

Priority

FR 0959204 A 20091218

Abstract (en)

[origin: EP2337037A2] The method involves injecting the mixture of binder in plastic state and magnetic filler, in a cavity of a molding device, where the filler is one of ferrite, neodymium-iron-bore and samarium-cobalt. The magnetic flux is generated in the cavity so that the binder passes from the plastic state to quasi-solid state. Magnetic body sections (31, 32) are realized by extracting the sections from the device. A plane surface (33) of one section is arranged in contact with a cylindrical surface (34) of another section, and the sections are connected together to form a part of a molded magnet (30).

IPC 8 full level

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CPC (source: EP)

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