

Title (en)
PROCESS FOR MANUFACTURING A PERMANENT MAGNET

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES PERMANENTMAGNETEN

Title (fr)
PROCÉDÉ DE FABRICATION D'UN AIMANT PERMANENT

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Application
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Abstract (en)
[origin: WO2015051986A1] The invention relates to a method for producing a permanent magnet, wherein a powder of a magnetic material is produced and the powder of the magnetic material is processed into a permanent magnet. According to the invention, the producing of the powder of the magnetic material comprises the steps: grinding a suspension of particles of the magnetic material of a first average particle size in liquid nitrogen, obtaining particles of the magnetic material of a second average particle size, which is smaller than the first average particle size, and separating a suspension of the ground magnetic material in liquid nitrogen, wherein particles having a particle size smaller than a predetermined upper particle size are separated.

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