

Title (en)

Remanent induction trimming method for a sintered magnet and product thus obtained.

Title (de)

Verfahren zum Abgleichen der Remanenzinduktion eines Sintermagneten und damit hergestelltes Produkt.

Title (fr)

Méthode de réglage de l'induction rémanente d'un aimant fritté et produit ainsi obtenu.

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Application

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Priority

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Abstract (en)

[origin: EP0553040A1] The invention relates to a method for trimming the remanence of a sintered magnet by varying the instant of application of the orienting field during cold compression. <??>The method consists in obtaining powders of suitable grain size, in cold compressing them under an orienting field, in sintering them, in heat-treating them, in machining them and magnetising them, a precompression TP \geq 20%, and preferably 30-80%, being performed before applying the orienting field. <??>This method applies to magnets of any shape required to have a magnetic induction which is well defined in modulus and in direction, in particular to ring magnets for travelling wave tubes. <IMAGE>

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