

Title (en)
ND-FE-B PERMANENT MAGNETIC MATERIAL AND PREPARATION METHOD THEREOF

Title (de)
ND-FE-B-PERMANENTMAGNETMATERIAL UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
MATÉRIAU MAGNÉTIQUE PERMANENT ND-FE-B ET SON PROCÉDÉ DE PRÉPARATION

Publication
EP 2436016 A4 20121031 (EN)

Application
EP 10780039 A 20100517

Priority
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Abstract (en)
[origin: WO2010135958A1] A permanent magnetic material comprising a Nd-Fe-B alloy and an additive including at least a cobalt ferrite, and a method for preparing the permanent magnetic material are provided. The method comprises the following steps: mixing the Nd-Fe-B alloy and the additive including at least a cobalt ferrite to obtain a mixture; magnetically orienting and pressing the mixture in a magnetic field; and sintering and tempering the mixture in vacuum or under the protection of inert gas.

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CPC (source: EP US)
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Citation (search report)
• [X1] WO 2009057742 A1 20090507 - ASAHI CHEMICAL IND [JP], et al
• [X1] JP 2002164205 A 20020607 - HITACHI METALS LTD
• [I] JP 2005159054 A 20050616 - TDK CORP
• See references of WO 2010135958A1

Designated contracting state (EPC)
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