

Title (en)

Process for producing a ferromagnetic compact, ferromagnetic compact and its utilisation

Title (de)

Verfahren zur Herstellung eines ferromagnetischen Presskörpers sowie ferromagnetischer Presskörper und Verwendung dieses Presskörpers

Title (fr)

Procédé de fabrication d'un compact ferromagnétique, compact ferromagnétique et son utilisation

Publication

EP 0936638 A3 19991229 (DE)

Application

EP 99102027 A 19990201

Priority

DE 19805812 A 19980212

Abstract (en)

[origin: EP0936638A2] A ferromagnetic composite body is produced by hot pressing a homogeneous mixture of a soft magnetic material powder and a glass-solder pressing aid which is viscous at the pressing temperature. A ferromagnetic composite body is produced by hot pressing a homogeneous mixture of a soft magnetic material powder and a glass-solder pressing aid which is viscous at the pressing temperature. An independent claim is also included for a pressed ferromagnetic composite body produced by the above process. Preferred Features: The soft magnetic powder consists of rapidly solidified metallic glass especially with an Fe content of more than 70 at.%.
[origin: EP0936638A2]

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IPC 8 full level

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CPC (source: EP)

H01F 1/15333 (2013.01); H01F 1/15366 (2013.01); H01F 1/24 (2013.01); H01F 3/08 (2013.01); H01F 41/0246 (2013.01)

Citation (search report)

- [X] FR 2518528 A1 19830624 - EUROP COMPOSANTS ELECTRON [FR]
- [AX] EP 0302355 A1 19890208 - HITACHI METALS LTD [JP]
- [PX] EP 0844623 A1 19980527 - KUBOTA KK [JP]

Cited by

EP1083580A3; EP3613872A1; EP1826783A1; US6368423B1; US8372218B2; US8287664B2; US8327524B2; US8298352B2; WO2006042778A1

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