

Title (en)

Process and composition for producing bonded magnet.

Title (de)

Verfahren und Zusammensetzung für Verbundmagnetherstellung.

Title (fr)

Procédé et composition pour la production d'un aimant à liant.

Publication

EP 0281295 A2 19880907 (EN)

Application

EP 88301482 A 19880222

Priority

- GB 8704948 A 19870303
- GB 8710309 A 19870430
- GB 8727853 A 19871127

Abstract (en)

A process for the production of a shaped article having magnetic properties from a composition which comprises a mixture of a solid melt-processable and cross-linkable organic material and a particulate magnetic material, which process comprises the steps of (1) shaping the composition in a mould at a temperature at which organic material is in a fluid state, (2) cooling the thus shaped composition so as to solidify the organic material, and (3) cross-linking the organic material in the thus-shaped composition to produce a cross-linked material. Also, a composition as described which also contains a polymeric material which is soluble in or dispersible in the organic material when the organic material is in a liquid state.

IPC 1-7

H01F 1/08; **H01F 41/02**

IPC 8 full level

H01F 1/053 (2006.01); **H01F 1/055** (2006.01); **H01F 1/057** (2006.01); **H01F 1/08** (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP)

H01F 1/0558 (2013.01); **H01F 1/0578** (2013.01); **H01F 1/083** (2013.01)

Cited by

EP1266936A1; EP1732090A4; EP0418808A3; EP0418807A3; DE19945619A1; EP0441616A3; FR2639468A1; EP0579088A1; US6800804B2; US9597828B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0281295 A2 19880907; **EP 0281295 A3 19900530**; AU 1213088 A 19880901; AU 5793390 A 19901101; AU 601815 B2 19900920; AU 617620 B2 19911128; GB 8804062 D0 19880323; JP 2867140 B2 19990308; JP 3229948 B2 20011119; JP H11150012 A 19990602; JP S63289807 A 19881128

DOCDB simple family (application)

EP 88301482 A 19880222; AU 1213088 A 19880224; AU 5793390 A 19900627; GB 8804062 A 19880222; JP 26498898 A 19980918; JP 5055588 A 19880303