

Title (en)
PROCESS AND COMPOSITION FOR PRODUCING BONDED MAGNET

Publication
EP 0281295 A3 19900530 (EN)

Application
EP 88301482 A 19880222

Priority
• GB 8704948 A 19870303
• GB 8710309 A 19870430
• GB 8727853 A 19871127

Abstract (en)
[origin: EP0281295A2] 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 41/02; **H01F 1/08**

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)

Citation (search report)
• [A] US 4462919 A 19840731 - SAITO TAKEHIDE [JP], et al
• [X] PATENT ABSTRACTS OF JAPAN, vol. 3, no. 143 (E-154) 27th November 1979; & JP-A-54 121 999 (TOKYO SHIBAURA DENKI K.K.) 21-09-1979
• [A] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 7 (E-469)[2454], 9th January 1987; & JP-A-61 184 804 (HITACHI METALS LTD) 18-08-1986
• [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 235 (E-275)[1672], 27th October 1984; & JP-A-59 117 205 (SHINKOUBE DENKI K.K.) 06-07-1984

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

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