Title (en)

AMORPHOUS METAL ALLOYS HAVING ENHANCED AC MAGNETIC PROPERTIES

Publication

EP 0055327 B2 19900926 (EN)

Application

EP 81107559 A 19810923

Priority

US 22060280 A 19801229

Abstract (en)

[origin: EP0055327A1] An amorphous metal alloy which is at least 90% amorphous having enhanced magnetic properties and consisting essentially of a composition having the formula FeaSibBc wherein "a", "b" and "c" are atomic percentages ranging from about 75 to 78.5, 4 to 10.5 and 11 to 21, respectively, with the proviso that the sum of "a", "b" and "c" equals 100.

IPC 1-7

C22C 1/00; H01F 1/14; C22C 38/02

IPC 8 full level

C21D 6/00 (2006.01); **C22C 1/00** (2006.01); **C22C 38/02** (2006.01); **C22C 45/02** (2006.01); **H01F 1/14** (2006.01); **H01F 1/153** (2006.01)

CPC (source: EP KR)

C21D 6/008 (2013.01 - EP); **C22C 38/02** (2013.01 - KR); **C22C 45/02** (2013.01 - EP); **H01F 1/15308** (2013.01 - EP)

Cited by

US6471789B1; CN106636983A; EP0713925A1; CN110423956A; CN106702291A; EP0384491A3; EP0145245A3; US5370749A; CN106636982A; CN106636984A; EP1615241A3; EP0464275A1; US7425239B2; WO9112617A1; WO9940594A1; WO9833945A1; US6277212B1; US6296948B1; EP0060660B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

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EP 0055327 A1 19820707; **EP 0055327 B1 19840808**; **EP 0055327 B2 19900926**; AT E8914 T1 19840815; AU 550157 B2 19860306; AU 7703181 A 19820708; CA 1215253 A 19861216; DE 3165416 D1 19840913; JP H0211662 B2 19900315; JP S57116750 A 19820720; KR 830007869 A 19831107; KR 860000832 B1 19860702

DOCDB simple family (application)

EP 81107559 A 19810923; AT 81107559 T 19810923; AU 7703181 A 19811102; CA 388318 A 19811020; DE 3165416 T 19810923; JP 18829181 A 19811124; KR 810005175 A 19811228