

Title (en)

AMORPHOUS METAL ALLOYS HAVING ENHANCED AC MAGNETIC PROPERTIES AT ELEVATED TEMPERATURES

Publication

EP 0177669 A3 19870422 (EN)

Application

EP 85105338 A 19850502

Priority

- US 61311884 A 19840523
- US 64114584 A 19840816

Abstract (en)

[origin: EP0177669A2] An amorphous metal alloy which is at least 90% amorphous having enhanced magnetic properties at elevated temperatures and consisting essentially of a composition having the formula $\text{Fe}_a\text{Si}_b\text{B}_c$ wherein "a", "b" and "c" are atomic percentages ranging from about 79.4 to 79.8, 6 to 8 and 12 to 14, respectively, with the proviso that the sum of "a", "b" and "c" equals 100.

IPC 1-7

C22C 38/00; **H01F 1/16**

IPC 8 full level

B22D 11/06 (2006.01); **C21D 6/00** (2006.01); **C22C 38/02** (2006.01); **C22C 45/02** (2006.01); **H01F 1/14** (2006.01); **H01F 1/153** (2006.01); **H01F 1/16** (2006.01)

CPC (source: EP)

C22C 45/02 (2013.01); **H01F 1/15308** (2013.01)

Citation (search report)

- [Y] US 4217135 A 19800812 - LUBORSKY FRED E [US], et al
- [YD] EP 0095831 A2 19831207 - ALLEGHENY LUDLUM STEEL [US]
- [AD] EP 0060660 A1 19820922 - NIPPON STEEL CORP [JP]
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EP0808078A1; US5496418A; WO9833945A1; WO9112617A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0177669 A2 19860416; **EP 0177669 A3 19870422**; **EP 0177669 B1 19920304**; DE 3585484 D1 19920409; JP H0545662 B2 19930709; JP S61558 A 19860106

DOCDB simple family (application)

EP 85105338 A 19850502; DE 3585484 T 19850502; JP 11130085 A 19850523