

Title (en)
LOW MAGNETOSTRICTION AMORPHOUS METAL ALLOYS

Publication
EP 0080521 B1 19861015 (EN)

Application
EP 81109913 A 19811126

Priority
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Abstract (en)
[origin: EP0080521A1] Cobalt rich amorphous metal alloys have a value of magnetostriction of about -6×10^{-6} to $+4 \times 10^{-6}$ and a saturation induction of about 0.1 to 1.0T. The alloys, especially suited for soft magnetic applications, have the formula $(Co_{1-x}Tx)_{100-b}(B_1-yYy)_b$, where T is at least one of Cr and V, Y is at least one of carbon and silicon, B is boron, x ranges from about .05 to .25, y ranges from about 0 to .75 and b ranges from about 14 to 28.

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C22C 19/07; **H01F 1/14**

IPC 8 full level
C22C 45/04 (2006.01); **H01F 1/153** (2006.01)

CPC (source: EP)
C22C 45/04 (2013.01); **H01F 1/15316** (2013.01)

Citation (examination)
EP 0050479 A1 19820428 - UNITIKA LTD [JP], et al

Cited by
EP0429022A3; US5151137A; EP0088244B1

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