

Title (en)

Magnetic core and method of producing same.

Title (de)

Magnetkern und Verfahren zur Herstellung.

Title (fr)

Noyau magnétique et procédé pour sa fabrication.

Publication

EP 0299498 A1 19890118 (EN)

Application

EP 88111364 A 19880714

Priority

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- JP 17567387 A 19870714
- JP 18834487 A 19870728
- JP 18834587 A 19870728

Abstract (en)

A magnetic core made of an Fe-base soft magnetic alloy consisting essentially of Fe, Cu and M wherein M is at least one of the elements, Nb, W, Ta, Zr, Hf, Ti and Mo, at least 50% of the alloy structure being occupied by fine crystalline particles, and the change ratio X of the effective permeability with time of said magnetic core being 0.3 or less, where X is defined by the following formula: $X = 1 - \mu_b / \mu_a$ wherein μ_a is the effective permeability at 1 kHz, and μ_b is the effective permeability at 1 kHz after heating at 100 DEG C for 1000 hours in the air.

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H01F 27/24

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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