

Title (en)

Heating process with magnetic field of a soft magnetic component

Title (de)

Magnetfeld-Heizungsprozess eines weichmagnetisches Komponent

Title (fr)

Procédé de traitement thermique sous champ magnétique d'un composant en matériau magnétique doux

Publication

EP 0883141 A1 19981209 (FR)

Application

EP 98401043 A 19980429

Priority

FR 9706849 A 19970604

Abstract (en)

A magnetisable material such as an iron-nickel-molybdenum 15-80-5 alloy, an amorphous cobalt-based alloy or an iron-silicon-copper-niobium-boron nanocrystalline alloy is heated below the Curie point. It is subjected to a magnetic field whose intensity is varied over time, following a series of peaks. The intensity is progressively increased to a maximum and thereafter decreased to a minimum. The field may be longitudinal, transverse, unidirectional, continuous or alternating.

IPC 1-7

H01F 1/14; **H01F 1/147**; **H01F 1/153**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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