Title (en)

Method of producing permalloy cores.

Title (de)

Verfahren zur Herstellung von Kernen aus Permalloy.

Title (fr)

Procédé de fabrication d'âmes en permalloy.

Publication

EP 0480265 A1 19920415 (EN)

Application

EP 91116547 A 19910927

Priority

- JP 26580390 A 19901003
- JP 26580490 A 19901003

Abstract (en)

A method of producing permalloy cores comprising the steps of applying an annealing separator coating 0.1 to 50 mu m thick to at least one surface of wide permalloy strip, slitting the wide permalloy strip to a final width, winding or punching the final width strip, and annealing the strip at a temperature in the range 1000 DEG to 1300 DEG C, and a permalloy core producible with this method. The method allows the efficient manufacturing of permalloy cores with highly stable magnetic properties.

IPC 1-7

C21D 1/70; H01F 41/02

IPC 8 full level

C21D 1/70 (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP)

C21D 1/70 (2013.01); **H01F 41/0206** (2013.01)

Citation (search report)

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- [A] CHEMICAL ABSTRACTS, vol. 111, no. 4, 24 July 1989, Columbus, Ohio, US; abstract no. 32474J, Y. SATO: 'HIGH ELECTRICAL INSULATION-INTERLAYER COATING METHOD USING MAGNESIUM HYDROXIDE FOR TAPE WOUND MAGNETIC CORES OF HIGH PERMABILITY NICKEL IRON ALLOYS' page 616 ;column 1 ;

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0480265 A1 19920415; **EP 0480265 B1 19950517**; DE 69109794 D1 19950622; DE 69109794 T2 19960208

DOCDB simple family (application)

EP 91116547 A 19910927; DE 69109794 T 19910927