

Title (en)

Iron-silicon alloy powder magnetic cores and method of manufacturing the same.

Title (de)

Magnetkerne aus Eisen-Silizium-Legierungspulver und Herstellungsverfahren.

Title (fr)

Noyau magnétique en poudre d'alliage de fer-silicium et procédé de fabrication.

Publication

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Application

**EP 90100930 A 19900117**

Priority

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- JP 33589989 A 19891225

Abstract (en)

[origin: EP0383035A2] An Fe-Si alloy powder magnetic core comprises an alloy powder of an average particle diameter of 10-100  $\mu$ m, produced by water atomization, in which the composition by weight of the alloy powder is 2-12% silicon and 0.05-0.95% oxygen with the balance being essentially iron. The process of manufacturing the powder magnetic core is also disclosed.

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IPC 8 full level

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Cited by

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