

Title (en)
Iron-silicon alloy powder magnetic cores and method of manufacturing the same.

Title (de)
Magnetkerne aus Eisen-Silicium-Legierungspuder und Herstellungsverfahren.

Title (fr)
Noyau magnétique en poudre d'alliage de fer-silicium et procédé de fabrication.

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Application
EP 90100930 A 19900117

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• JP 33589989 A 19891225

Abstract (en)
An Fe-Si alloy powder magnetic core comprises an alloy powder of an average particle diameter of 10-100 μ 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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Cited by
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