

Title (en)
MAGNETIC CORE

Title (de)
MAGNETKERN

Title (fr)
TORE MAGNETIQUE

Publication
EP 1864303 B1 20120502 (DE)

Application
EP 06723305 A 20060309

Priority
• EP 2006002152 W 20060309
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Abstract (en)
[origin: US7782169B2] A magnetic core (1, 1', 20, 28, 29, 58, 61, 70, 70', 80, 80', 90) for a magnetic component has a longitudinal axis parallel to which a magnetic current is to be substantially guided inside the magnetic core. The magnetic core consists of a plurality of magnetic elements (2, 3, 4, 5, 6, 7, 8, 29, 30, 35, 36, 38, 39, 40, 48, 49, 52, 53) shaped like bars or strips arranged parallel to one another, at least one of the magnetic elements (2, 3, 4, 5, 6, 7, 8, 29, 30, 35, 36, 38, 39, 40, 48, 49, 52, 53) is different from the other magnetic elements in one or several of the following characteristics: permeability of material, curvature, length, shape and/or size of surface area, presence, type and location of notches in the magnetic elements.

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H01F 17/00 (2006.01)

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