

Title (en)
Pulse transformer magnetic core

Title (de)
Magnetkern für Impulsübertrager

Title (fr)
Noyau magnétique pour transformateur d'impulsions

Publication
EP 0794541 B1 20020724 (EN)

Application
EP 97103647 A 19970305

Priority
JP 5054596 A 19960307

Abstract (en)
[origin: EP0794541A1] A pulse transformer magnetic core comprising a magnetic core main body of a soft magnetic alloy ribbon having a thickness of 25 μm or less, the AL value of the magnetic core main body being 4.0 $\mu\text{H/N}^2$ or more when 0.1 V is input at 10 kHz. The magnetic core main body has an outer diameter of 10 mm or less and a thickness of 1.2 mm or less. The magnetic core main body may comprises by coiling the soft magnetic alloy ribbon or by stacking rings or E-shape and I-shape pieces which are made from the soft magnetic alloy ribbon by a punching process. <IMAGE>

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H01F 19/08; **H01F 17/06**; **H01F 30/16**; **H01F 27/26**; **H01F 1/153**

IPC 8 full level
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CPC (source: EP KR)
H01F 1/15308 (2013.01 - EP); **H01F 3/02** (2013.01 - KR); **H01F 17/062** (2013.01 - EP); **H01F 27/25** (2013.01 - EP)

Cited by
EP3588518A4; US8344830B2; US6580348B1; US8327524B2; WO2009012938A1; WO0051146A1; US8372218B2; US8298352B2

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