

Title (en)
LASER GAPPING OF MAGNETIC CORES

Title (de)
VERFAHREN ZUR SPALTUNG MITTELS LASER VON MAGNETKERNEN

Title (fr)
FORMATION AU LASER D'ENTREFERS DANS DES TORES MAGNETIQUES

Publication
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Application
EP 00905805 A 20000131

Priority
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Abstract (en)
[origin: WO0054302A1] A method for gapping a ferrite core (10) by coating the core with a stabilizing material (32), fracturing the core with a laser beam (44) thereby creating one or more gaps (47) in the cores magnetic field, optionally opening the fracture to obtain a desired inductance, and then sealing the core.

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H01F 41/02 (2006.01); **H01F 3/14** (2006.01)

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H01F 41/0206 (2013.01); **H01F 3/14** (2013.01)

Citation (search report)
• [A] EP 0775765 A2 19970528 - VLT CORP [US]
• [A] GB 2284102 A 19950524 - DOYLE ANTHONY JAMES [GB]
• [A] EP 0167293 A1 19860108 - STANDEX INT CORP [US]
• [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 162 (E - 033) 12 November 1980 (1980-11-12)
• See references of WO 0054302A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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