

Title (en)
Magnetic field inductor

Title (de)
Magnetfeldinduktor

Title (fr)
Inducteur de champ magnétique

Publication
EP 2533255 A1 20121212 (EN)

Application
EP 12171066 A 20120606

Priority
IT MI20111036 A 20110609

Abstract (en)
A magnetic field inductor comprising a first plate of insulating material provided with a first face on which a first trace of electroconductive material is formed, said first trace presenting a spiral shape extending about an axis. A second face of said first plate presents a second trace of electroconductive material, the second trace also presenting a spiral shape extending about an axis, the first and second trace being connected together electrically such that, when a current passes therethrough, the first and second trace generate magnetic fields which are added together on said axis.

IPC 8 full level
H01F 5/00 (2006.01); **H01F 17/00** (2006.01); **H01F 27/28** (2006.01); **H01F 27/36** (2006.01); **H01F 41/04** (2006.01)

CPC (source: EP)
H01F 17/0013 (2013.01); **H01F 2017/0066** (2013.01); **H01F 2017/0073** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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