

Title (en)
Magnetic field inductor

Title (de)
Magnetfeldinduktor

Title (fr)
Inducteur de champ magnétique

Publication
EP 2533255 B1 20140129 (EN)

Application
EP 12171066 A 20120606

Priority
IT MI20111036 A 20110609

Abstract (en)
[origin: EP2533255A1] 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)

Cited by
CN111656863A; EP3115999A1; ITUB20152081A1; WO2019092653A1

Designated contracting state (EPC)
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