

Title (en)  
Mixed magnetic core

Title (de)  
Gemischter Magnetkern

Title (fr)  
Noyau magnétique mixte

Publication  
**EP 0771011 A1 19970502 (FR)**

Application  
**EP 96402193 A 19961015**

Priority  
FR 9512493 A 19951024

Abstract (en)  
In a magnetic core having a body (1) of polycrystalline magnetic ceramic and one or more gaps (2) of composite magnetic material, the latter is formed of polycrystalline magnetic ceramic platelets which are embedded in a dielectric binder and which are oriented so that their main faces are parallel to the magnetic field to which the core is to be subjected. Also claimed are an inductor and a transformer including the above core.

Abstract (fr)  
La présente invention concerne un noyau magnétique comportant un corps (1) en céramique magnétique polycristalline et au moins un entrefer (2) localisé en matériau magnétique composite. Application : noyaux pour inductances ou transformateurs. <IMAGE>

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IPC 8 full level  
**H01F 1/34** (2006.01); **H01F 3/14** (2006.01); **H01F 27/25** (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP US)  
**H01F 3/14** (2013.01 - EP US); **H01F 41/0246** (2013.01 - EP US)

Citation (search report)

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