

Title (en)  
INDUCTOR

Title (de)  
DROSSEL

Title (fr)  
INDUCTANCE

Publication  
**EP 2751815 B1 20190116 (DE)**

Application  
**EP 12753104 A 20120820**

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Abstract (en)  
[origin: WO2013030029A1] The invention relates to an inductor (1) comprising a magnetizable core (2) that has a winding axis (3), and comprising at least one winding (4) formed by a conductor which at least partly surrounds the winding axis of the core. In said inductor, the at least one winding has a single-layer structure and a cross-section of the secondary winding conductor is rectangular and in particular square.

IPC 8 full level  
**H01F 37/00** (2006.01)

CPC (source: EP US)  
**H01F 27/008** (2013.01 - US); **H01F 27/22** (2013.01 - EP US); **H01F 27/28** (2013.01 - US); **H01F 37/00** (2013.01 - EP US);  
**H01F 41/00** (2013.01 - US); **H01F 41/04** (2013.01 - EP US); **Y10T 29/4902** (2015.01 - EP US)

Citation (examination)  
• US 2009144967 A1 20090611 - HASU MASATOSHI [JP], et al  
• US 4577175 A 19860318 - BURGHER PETER H [US], et al

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DOCDB simple family (publication)  
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EP 2751815 B1 20190116; US 10699836 B2 20200630; US 2014327505 A1 20141106; WO 2013030029 A1 20130307

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**DE 102011082045 A 20110902**; CN 201280053680 A 20120820; CN 201811346538 A 20120820; EP 12753104 A 20120820;  
EP 2012066205 W 20120820; US 201214342450 A 20120820