

Title (en)  
MAGNETICALLY BIASED CHOKE

Title (de)  
MAGNETISCH VORGESPANNTE DROSSEL

Title (fr)  
INDUCTANCE DE PROTECTION À PRÉCONTRAINTÉ MAGNÉTIQUE

Publication  
**EP 2956947 B1 20180627 (DE)**

Application  
**EP 14725609 A 20140502**

Priority  
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• DE 2014100154 W 20140502

Abstract (en)  
[origin: WO2014177137A1] The invention concerns a magnetically biased choke (1) comprising a magnetic circuit (10) with at least one stack (20) consisting of a plurality of magnetically soft segments (22), of which at least some are disposed at a spacing from each other, and of a coil (50) which is wound about the stack (20), at least two permanent magnet segments (30) being inserted into the stack (20) and at least one magnetically soft segment (22) being disposed between the at least two permanent magnet segments (30).

IPC 8 full level  
**H01F 3/02** (2006.01)

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**H01F 3/02** (2013.01 - EP US); **H01F 27/24** (2013.01 - US); **H01F 27/263** (2013.01 - US); **H01F 2003/106** (2013.01 - EP US)

Citation (examination)  
• DE 102010015410 A1 20111020 - SUMIDA COMPONENTS & MODULES GMBH [DE]  
• US 4264361 A 19810428 - YAJIMA SEISHI, et al  
• US 2012040839 A1 20120216 - DARMANN FRANCIS ANTHONY [AU]  
• US 3968465 A 19760706 - FUKUI MASAHIKO, et al

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DOCDB simple family (application)  
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