

Title (en)  
MAGNETICALLY BIASED CHOKE

Title (de)  
MAGNETISCH VORGESPANNTE DROSSEL

Title (fr)  
INDUCTANCE DE PROTECTION À PRÉCONTRAINTÉ MAGNÉTIQUE

Publication  
**EP 2956947 A1 20151223 (DE)**

Application  
**EP 14725609 A 20140502**

Priority  
• DE 102013208058 A 20130502  
• 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)

CPC (source: EP US)  
**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 (search report)  
See references of WO 2014177137A1

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

DOCDB simple family (publication)  
**DE 102013208058 A1 20141106; DE 102013208058 B4 20150910**; EP 2956947 A1 20151223; EP 2956947 B1 20180627; ES 2688578 T3 20181105; US 2016042855 A1 20160211; WO 2014177137 A1 20141106

DOCDB simple family (application)  
**DE 102013208058 A 20130502**; DE 2014100154 W 20140502; EP 14725609 A 20140502; ES 14725609 T 20140502; US 201414771945 A 20140502