

Title (en)  
Electric choke coil with a flat wire

Title (de)  
Elektrische Drosselspule mit einem Flachdraht

Title (fr)  
Bobine de choc électrique avec fil d'acier plat

Publication  
**EP 2521146 A3 20170426 (DE)**

Application  
**EP 12165056 A 20120420**

Priority  
DE 102011075311 A 20110505

Abstract (en)  
[origin: EP2521146A2] The electrical choke coil (1) has spiral coil turns (10,12) that produce an inductance. The coil turn is formed from rectangular wire and is wound around a cavity with an angular cross-section. A flattened extension portion of the rectangular wire is extended toward a coil longitudinal axis (60). The windings of the coil turn are extended in a plane. The winding circulation of the rectangular wire is connected with winding circulation of the coil turn and is radially spaced wound along the coil longitudinal axis.

IPC 8 full level  
**H01F 27/28** (2006.01); **H01F 41/06** (2016.01)

CPC (source: EP)  
**H01F 27/2847** (2013.01); **H01F 41/061** (2016.01); **H01F 17/045** (2013.01); **H01F 2027/2861** (2013.01)

Citation (search report)

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- [X] US 7257881 B1 20070821 - MARTIN ARTHUR RAY [US], et al
- [X] DE 3138624 A1 19830526 - WALDNER PAUL PROF DR ING
- [E] WO 2012105489 A1 20120809 - TOKO INC [JP], et al
- [A] DE 10040415 C1 20020110 - ROBERT SEUFFER GMBH & CO KG [DE]

Cited by  
CN105742009A; CN105575588A; CN105742008A; EP3799085A1; JP2015115515A; US10242796B2; JP2016039322A

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)  
**EP 2521146 A2 20121107; EP 2521146 A3 20170426**; DE 102011075311 A1 20121108

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