

Title (en)  
COIL FOR HIGH-VOLTAGE TRANSFORMER

Title (de)  
SPULE FÜR EINEN HOCHSPANNUNGSTRANSFORMATOR

Title (fr)  
BOBINE POUR UN TRANSFORMEUR HAUTE TENSION

Publication  
**EP 0629311 B1 19960619 (DE)**

Application  
**EP 92906324 A 19920305**

Priority  
DE 9200189 W 19920305

Abstract (en)  
[origin: WO9318528A1] In order to improve the mechanical properties of a coil (1), a first electroconductive winding (39) of the coil (1) is designed as a coil former with a first connecting element (15) to which is secured a second connecting element (17) by means of an insulating part (25). Both connecting elements (15, 17) constitute the connections for the coil (1). A self-supporting coil structure is thus obtained. This coil (1) is particularly suitable as an undervoltage winding with a low number of windings for cast-resin dry-type transformers.

IPC 1-7  
**H01F 27/28**

IPC 8 full level  
**H01F 27/28** (2006.01)

CPC (source: EP US)  
**H01F 27/2852** (2013.01 - EP US); **H01F 2027/2857** (2013.01 - EP US); **Y10S 174/14** (2013.01 - EP); **Y10S 174/25** (2013.01 - EP)

Cited by  
US6433663B1

Designated contracting state (EPC)  
AT BE CH DE FR GR IT LI NL SE

DOCDB simple family (publication)  
**WO 9318528 A1 19930916**; DE 59206629 D1 19960725; EP 0629311 A1 19941221; EP 0629311 B1 19960619; GR 3020296 T3 19960930; US 5598137 A 19970128

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