

Title (en)  
DISC COIL WINDING FOR TRANSFORMERS

Publication  
**EP 0167896 B1 19871125 (DE)**

Application  
**EP 85107558 A 19850619**

Priority  
DE 3424285 A 19840702

Abstract (en)  
[origin: EP0167896A1] 1. A disc coil winding for transformers consisting of one or more wound conductors forming alternately anti-clockwise and clockwise spirals and having radial cooling and insulating channel (46) which are arranged between the individual disc coils (41, 42), characterized in that at least the disc coils (41, 42) in the region of a high voltage input (45) are split into two parts which are identical in respect of winding technique, are arranged axially one above another, and carry the same voltage, and between which an additional insulating channel (47) is arranged which consequently is not subject of electrical loading in the axial direction in normal operation.

IPC 1-7  
**H01F 27/28**; **H01F 5/00**

IPC 8 full level  
**H01F 5/00** (2006.01); **H01F 27/28** (2006.01); **H01F 27/34** (2006.01)

CPC (source: EP)  
**H01F 27/2871** (2013.01); **H01F 27/343** (2013.01)

Cited by  
AT399962B; AT397889B; US5477007A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0167896 A1 19860115**; **EP 0167896 B1 19871125**; AT E31125 T1 19871215; BR 8503151 A 19860318; DE 3561088 D1 19880107

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**EP 85107558 A 19850619**; AT 85107558 T 19850619; BR 8503151 A 19850701; DE 3561088 T 19850619