

Title (en)  
CAPACITIVELY CONTROLLED HIGH-VOLTAGE WINDING

Title (de)  
KAPAZITIV GESTEUERTE HOCHSPANNUNGSWICKLUNG

Title (fr)  
ENROULEMENT HAUTE TENSION A COMMANDE CAPACITIVE

Publication  
**EP 1183696 B1 20070103 (DE)**

Application  
**EP 00949084 A 20000609**

Priority  
• DE 0001920 W 20000609  
• DE 19926540 A 19990610

Abstract (en)  
[origin: WO0077800A1] High-voltage windings of transformers are strengthened, in particular, in their input area by a capacitive control, in order to withstand any surge voltages that are produced. For this purpose, control lines (10) are wound into the high-voltage winding (1), in parallel to an outside wire (5). According to the invention, in order to improve the capacitive control and to increase the capacity, a control line (10) is located spatially inside an outside wire (5). The control line (10), however, is galvanically separated from the outside wire (5).

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

CPC (source: EP)  
**H01F 27/2871** (2013.01); **H01F 27/345** (2013.01)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0077800 A1 20001221**; AT E350756 T1 20070115; BR 0011458 A 20020319; BR 0011458 B1 20141216; CN 1165057 C 20040901; CN 1354883 A 20020619; DE 19926540 C1 20010111; DE 50013938 D1 20070215; EP 1183696 A1 20020306; EP 1183696 B1 20070103; PT 1183696 E 20070228

DOCDB simple family (application)  
**DE 0001920 W 20000609**; AT 00949084 T 20000609; BR 0011458 A 20000609; CN 00808653 A 20000609; DE 19926540 A 19990610; DE 50013938 T 20000609; EP 00949084 A 20000609; PT 00949084 T 20000609