

Title (en)
CAPACITIVELY CONTROLLED HIGH-VOLTAGE WINDING

Title (de)
KAPAZITIV GESTEUERTE HOCHSPANNUNGSWICKLUNG

Title (fr)
ENROULEMENT HAUTE TENSION A COMMANDE CAPACITIVE

Publication
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Application
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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).

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