

Title (en)

Main conductor for capacitively controlled high voltage winding

Title (de)

Hauptleiter für eine kapazitiv gesteuerte hochspannungswicklung

Title (fr)

Conducteur principal pour enroulement haute tension à commande capacitive

Publication

EP 1577910 A3 20070502 (DE)

Application

EP 05290370 A 20050217

Priority

DE 102004013416 A 20040318

Abstract (en)

[origin: EP1577910A2] Capacitive control for high-voltage winding for transformer involves two bundles of rectangular-section (5) conductors (1,2) side-by-side, surrounded by coils (1a,2a,6). The conductors are arranged in stacks (3,4). There are several copper control conductors (7) insulated with creped or calendared paper (7a) between the two stacks of conductors.

IPC 8 full level

H01F 27/34 (2006.01); **H01F 27/28** (2006.01)

CPC (source: EP US)

H01F 27/2871 (2013.01 - EP US); **H01F 27/345** (2013.01 - EP US); **H01F 2027/2838** (2013.01 - EP US)

Citation (search report)

- [X] US 6271743 B1 20010807 - MUELLER WALTER [DE], et al
- [AD] WO 0077800 A1 20001221 - SIEMENS AG [DE], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1577910 A2 20050921; **EP 1577910 A3 20070502**; **EP 1577910 B1 20080903**; AT E407437 T1 20080915; CA 2500568 A1 20050918; CA 2500568 C 20120724; CN 100587862 C 20100203; CN 1670871 A 20050921; DE 102004013416 A1 20051006; DE 502005005230 D1 20081016; ES 2314590 T3 20090316; US 2005206489 A1 20050922; US 7098764 B2 20060829

DOCDB simple family (application)

EP 05290370 A 20050217; AT 05290370 T 20050217; CA 2500568 A 20050314; CN 200510056504 A 20050318; DE 102004013416 A 20040318; DE 502005005230 T 20050217; ES 05290370 T 20050217; US 7798805 A 20050311