

Title (en)
HVDCT AIR-CORE INDUCTOR, AND MANUFACTURING METHOD

Title (de)
HGÜ-LUFTDROSSELSPULE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
BOBINE DE SELF À AIR DE TYPE À TRANSMISSION DE COURANT CONTINU HAUTE TENSION ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3408856 A1 20181205 (DE)

Application
EP 17720399 A 20170420

Priority
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• EP 2017059411 W 20170420

Abstract (en)
[origin: WO2017182577A1] HVDCT air-core inductor (1) comprising: - at least one concentric winding layer (2-4, 4'), at the ends of which electric terminals (11, 12) are formed; and - an electrostatic shield (17) that includes: • a layer of electrostatically dissipative material having a surface resistance ranging from 109 to 1014 ohm/square, • at least one end of said layer (22) being provided with a collector electrode (19, 20) which extends essentially along the circumference of the end of the layer and is to be connected to one of the terminals (11, 12), the layer (22) being designed as a spray coating on an outer surface (21) of an exterior winding layer (4').

IPC 8 full level
H01F 27/36 (2006.01); **H01F 37/00** (2006.01); **H05K 9/00** (2006.01)

CPC (source: AT EP US)
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