

Title (en)

INDUCTIVE-VOLTAGE TRANSFORMER FOR A FULLY INSULATED, METAL-ENCLOSED HIGH-VOLTAGE SWITCHGEAR

Publication

**EP 0041917 B2 19881109 (DE)**

Application

**EP 81730049 A 19810514**

Priority

DE 8014832 U 19800530

Abstract (en)

[origin: EP0041917A2] 1. An inductive voltage transformer for a fully insulated, metal-encased high voltage switch-gear comprising a vessel (1) which can be flangedly attached to the metal casing of the switch-gear, and in which the active system (2) of the voltage transformer is located, and a high voltage supply line (24) terminates, characterized in that within the vessel (1), there is arranged a resistance arrangement (6) which extends from the high voltage supply line (24) to the active system ; that the resistance arrangement (6) consists of a column-shaped structure formed of a plurality of composite resistance elements (10) which are held together by means of pressure plates (7, 8) arranged at the ends of the column-shaped structure, one of which pressure plates (7) is attached to the high voltage supply line (24) and the other of which pressure plates (8) is connected to the active system (2).

IPC 1-7

**H01F 40/04**; **H01F 27/40**

IPC 8 full level

**H01F 27/40** (2006.01); **H01F 38/26** (2006.01)

CPC (source: EP)

**H01F 38/26** (2013.01)

Cited by

CN104361985A; CN112802657A

Designated contracting state (EPC)

AT BE CH GB IT NL SE

DOCDB simple family (publication)

**EP 0041917 A2 19811216**; **EP 0041917 A3 19820120**; **EP 0041917 B1 19850327**; **EP 0041917 B2 19881109**; AT E12437 T1 19850415; DE 8014832 U1 19800828; ZA 813613 B 19820630

DOCDB simple family (application)

**EP 81730049 A 19810514**; AT 81730049 T 19810514; DE 8014832 U 19800530; ZA 813613 A 19810529