

Title (en)
High voltage current coil

Title (de)
Hochspannungsstromspule

Title (fr)
Bobine à haute tension

Publication
EP 2573781 B1 20140326 (EN)

Application
EP 12460049 A 20120808

Priority
PL 12030111 U 20110831

Abstract (en)
[origin: EP2573781A1] The invention deals with a high voltage current coil which is an element of a current transformer used in a combined instrument transformer which comprises of a current transformer and a voltage transformer located in a common enclosure. A combined instrument transformer is applicable in high-voltage electric power measuring systems. The current coil according to the invention is distinguished by the fact that it comprises a metal tube (10) which is an element of the current bushing of the current transformer (1), which tube is furnished with a metal protective guard (14) in the shape of a truncated cone whose base with the larger diameter faces a joining sleeve (12), and the edge of the cone base with the smaller diameter is permanently joined with the external surface of the metal tube (10), while the edge of the cone base with the larger diameter is folded inside the cone.

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H01F 27/04 (2013.01); **H01F 38/36** (2013.01)

Cited by
CN109148132A; WO2021058102A1

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