

Title (en)

CURRENT TRANSFORMER WITH ADDITIONAL VOLTAGE INDICATION FOR THE USE IN MEDIUM OR HIGH VOLTAGE EQUIPMENT

Title (de)

STROMWANDLER MIT ZUSÄTZLICHER SPANNUNGSANZEIGE ZUR VERWENDUNG IN MITTEL- ODER HOCHSPANNUNGSANLAGE

Title (fr)

TRANSFORMATEUR DE COURANT AVEC INDICATION DE TENSION SUPPLÉMENTAIRE POUR UNE UTILISATION DANS UN ÉQUIPEMENT À MOYENNE OU HAUTE TENSION

Publication

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Application

EP 15188241 A 20151002

Priority

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Abstract (en)

[origin: EP3151255A1] The invention relates to a Current transformer with an additional voltage indicating functionality or for the use in medium or high voltage equipment, with primary terminals and primary conductors and a secondary circuit, according to the preamble of claim 1. In order to reduce the number of needed parts, and to support standardization, in the manufacture of the current transformer, the invention is, that beside the secondary circuit a shielded output wire (4) is arranged in such, that the output wire (4) is electrically connected to the end of discrete primary capacitor (C1), where capacitor (C1) is connected between the primary conductor (2) and the output wire (4) and defines the capacitance between the primary conductor (2) and the output wire (4), shielding (4') of output wire (4) is connected to a ground terminal (6).

IPC 8 full level

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