

Title (en)

CURRENT CONVERTER WITH FLUID OR OIL PAPER INSULATION FOR HIGH VOLTAGE

Title (de)

STROMWANDLER MIT FLUID- ODER ÖLPAPIERISOLIERUNG FÜR HOCHSPANNUNG

Title (fr)

TRANSFORMATEUR DE COURANT COMPRENANT UNE ISOLATION PAR FLUIDE OU PAPIER HUILÉ POUR HAUTE TENSION

Publication

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Application

EP 18788765 A 20181019

Priority

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Abstract (en)

[origin: CA3081861A1] The invention relates to a current converter with fluid or oil paper insulation for high voltage, with a head housing (11) through which a primary conductor (3) passes. A measurement device (2) through which the primary conductor (3) passes is arranged in the head housing (11). According to the invention, the primary conductor (3) comprises two different primary conductor types, more specifically an outer tube primary conductor (30) as the first type and one or more inner conductor primary conductors (41, 42, 43) as the second type. The outer tube primary conductor (30) surrounds an interior (35) that is designed to receive the inner conductor primary conductor (41, 42, 43), and the inner conductor primary conductors (41, 42, 43) can be inserted into the interior (35). The special feature lies in the outer tube primary conductor, which is used to transmit power and creates an encasement for the inner conductors. Only the outer tube primary conductor needs to be sealed with respect to the head housing. Inner conductors therefore can be easily inserted or removed subsequently, without the need for sealing measures.

IPC 8 full level

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