

Title (en)

An arrangement of windings of a HV insulation transformer

Title (de)

Anordnung von Wicklungen eines Hochspannungsisolierungstransformators

Title (fr)

Agencement d'enroulements d'un transformateur d'isolation haute tension

Publication

EP 2808879 B1 20151014 (EN)

Application

EP 13460035 A 20130529

Priority

EP 13460035 A 20130529

Abstract (en)

[origin: EP2808879A1] The subject of the invention is arrangement of windings of a HV insulated transformer for power supply devices with multiple outputs whose outputs must be insulated to withstand very high voltages. An arrangement of windings comprising a secondary winding (4) superimposed on a primary winding (2) forming a pair of windings (6) characterized in that at least two pairs of windings (6) are placed on the same one common transformer core (1) in such a way that any windings (2) and (4) of each pair of windings (6) are not overlapping the windings (2) and (4) of the neighboring pair of windings (6) and where the primary windings (2) are connected in parallel and each of the primary winding (2) has a current sensor (3) adapted for measuring the current of its respective secondary winding (4).

IPC 8 full level

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CPC (source: EP)

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Cited by

FR3058255A1; CN108879906A; US11356015B2; US11342104B2; WO2018208991A1; WO2017186453A1; WO2018083409A1

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