Title (en)

INDUCTIVE ISOLATION OF VOLTAGE SOURCES OF AN IVA BY MEANS OF INDIVIDUAL COUPLED COILS

Title (de)

INDUKTIVE ISOLATION VON SPANNUNGSQUELLEN EINES IVA MITTELS EINZELNER GEKOPPELTER SPULEN

Title (fr)

ISOLATION INDUCTIVE DE SOURCES DE TENSION D'UN IVA AU MOYEN DE BOBINES INDIVIDUELLES COUPLÉES

Publication

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Application

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Abstract (en)

[origin: WO2014173553A1] The present invention relates to an apparatus and a method for generating high-voltage pulses, in particular by means of an inductive voltage adder IVA, wherein a coupling-in inductance (L) for each stage (13) is formed as a number of discrete inductances, in particular discrete coils (21), which are magnetically coupled to one another in such a way that the magnetic fluxes are superimposed on one another or added to one another along a circular line, which is rotationally symmetrical to a main axis (HA) of wave propagation.

IPC 8 full level

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CPC (source: EP US)

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