Title (en)

METHOD AND DEVICE FOR ASSIGNING INDIVIDUAL PHASE CONDUCTORS IN A POLYPHASE ENERGY DISTRIBUTION NETWORK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ZUORDNUNG EINZELNER PHASENLEITER IN EINEM MEHRPHASIGEN ENERGIEVERTEILNETZ

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ASSOCIATION DE PLUSIEURS CONDUCTEURS DE PHASE DANS UN RÉSEAU DE DISTRIBUTION D'ÉNERGIE POLYPHASÉ

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2013174415A1] The invention relates to a method for assigning individual phase conductors (L1, L2, L3) at a first point (M1) to those at at least one further point (M2, M3) in a polyphase energy distribution network, in particular in a three-phase network, in the case of mains operation, wherein a common reference time is determined for these points (M1, M2, M3), and the time difference and/or phase difference of the phase voltage or the line-to-line voltage between the reference time of the zero crossing of the phase voltage are determined for these points, and by comparison of the time and/or phase differences at two different points the phase conductor of one point is assigned to a phase conductor of the further point which has the same to time and/or phase difference with respect to the common reference time. An additional loading of the energy supply network or an interruption of the mains operation is avoided by means of said method.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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