Title (en)

METHOD AND ARRANGEMENT FOR ASCERTAINING A LOAD FLOW MAP WITHIN AN AC-VOLTAGE POWER SUPPLY GRID

Title (de)

VERFAHREN UND ANORDNUNG ZUM ERMITTELN EINER LASTFLUSSKARTE INNERHALB EINES WECHSELSPANNUNGS-ENERGIEVERSORGUNGSNETZES

Title (fr)

PROCÉDÉ ET AGENCEMENT POUR DÉTERMINER UNE CARTE DE FLUX DE CHARGE À L'INTÉRIEUR D'UN RÉSEAU D'ALIMENTATION ÉLECTRIQUE À TENSION ALTERNATIVE

Publication

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Application

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Priority

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- EP 2020081539 W 20201109

Abstract (en)

[origin: WO2021110368A1] The invention relates to a method for ascertaining a load flow map within an AC-voltage power supply grid (1), wherein a multiplicity of grid subscribers (10) is arranged at a respective grid connection point (11) in the power supply grid (1). The method comprises the following steps: - the multiplicity of grid subscribers (10) ascertaining a respective value reflecting an individual phase angle (Φ) of the AC voltage of the power supply grid (1) at the respective grid connection point (11); - transmitting the respective value in the form of data from the multiplicity of grid subscribers (10) to a superordinate data receiver; - evaluating the data and creating a load flow map on the basis of the values reflecting the individual phase angles (Φ). The invention furthermore relates to an arrangement for performing the method.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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