

Title (en)

METHOD FOR DETERMINING ELECTRICAL LOSSES OF AN ELECTRIC LINE, DUE TO A MALFUNCTIONING OR TAMPERING OF AN ELECTRICITY METER

Title (de)

VERFAHREN ZUR BESTIMMUNG ELEKTRISCHER VERLUSTE EINER ELEKTRISCHEN LEITUNG AUFGRUND EINER FEHLFUNKTION ODER MANIPULATION EINES STROMZÄHLERS

Title (fr)

PROCÉDÉ DE DÉTERMINATION DE PERTES ÉLECTRIQUES D'UNE LIGNE ÉLECTRIQUE, EN RAISON D'UN DYSFONCTIONNEMENT OU D'UNE ALTÉRATION D'UN WATTHEUREMÈTRE

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Abstract (en)

[origin: WO2021009787A1] The present invention relates a method for determining electrical losses of at least one electric line (100) due to a malfunctioning or tampering of an electricity meter, reducing the number of false positives. A respective electricity meter is associated to each users and the users to which electrical losses are associated are identified by means of statistical analysis and the processing of measured data, taking into account the power absorbed by a plurality of users (U_i, U₂...U_N) connected to the electric line (100) and supplied by a transformer room (1) to said electric line (100) measured by a power meter (10), positioned on the electric line (100), between the transformer room (1) and the users of said plurality of users (U₁, U₂...U_N). The present invention also relates to a system for determining said electrical losses.

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