

Title (en)

PROCESS FOR PRODUCING FAULT CLASSIFICATION SIGNALS

Title (de)

VERFAHREN ZUM ERZEUGEN VON FEHLERKLASSIFIZIERUNGSSIGNALEN

Title (fr)

PROCEDE POUR GENERER DES SIGNAUX DE CLASSIFICATION D'ERREURS

Publication

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Application

EP 97921599 A 19970325

Priority

- DE 9700682 W 19970325
- DE 19613012 A 19960325

Abstract (en)

[origin: DE19613012C1] Power-line current and voltage transformers (2,3) deliver outputs to a digitiser (1) connected by a data bus (4) to an impedance-forming computer (5). The parameters of the impedance characteristic are adjusted (6) for the generation of normalised resistances (RL1-RL3) and reactances (XL1-XL3) which are supplied to the neural net (9). The training employs these impedance values for simulation of faulty loops. The neural net produces fault classification signals (F1,F2) on an output data bus (16) connected e.g. to distance protection equipment.

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