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1. «Three-phase network single-phase earthing determ. | by determ. phase shift between additional capacitive and zero sequence currents»; Patent Number: SU1626218-A; Patent Assignee: RUDNENSK IND INST; Inventor(s): BAPEZHEV YU. G.; UTEGULOV B. B.

2. «Neutral three-phase single-phase ground fault protector | has matching transformer primary connected via resistor to zero sequence current transformer»; Patent Number: SU1403189-A; Patent Assignee: UTEGULOV B. B.; Inventor(s): UTEGULOV B. B.

3. «Isolated neutral three-phase circuit insulation parameter determ. | using known conductance between phase circuit and earth and measuring phase shift between line and neutral sequence voltages»; Patent Number: SU1347038-A; Patent Assignee: RUDNENSK IND INST; Inventor(s): UTEGULOV B. B.

4. «Three phase insulated neutral network insulation testing | by measuring zero sequence and phase voltages of network with additional conductance in one phase»; Patent Number: SU917127-A1; SU917127-B; Patent Assignee: PAVLODAR IND INST; MOSC MINING INST; Inventor(s): SHUTSKII V. I.; UTEGULOV B. B.

5. «Method for determining parameters of isolation network voltage up to 1000 V in mining enterprises» Utegulov, B., Utegulov, A., Begentayev, M., Zhumazhanov, S., Zhakipov, N., Source of the Document Proceedings of the IASTED International Conference on Power and Energy Systems and Applications, PESA 2011.

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