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DEFINITION OF TURN-FAULT OF STATOR WINDING INDUCTION MOTOR ON THE BASIS OF THE COMPENSATION MAGNETIC FIELD

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Abstract

Based on the analysis of physical design characteristics of the electromagnetic field in the stator teeth crowns in the air gap induction-squirrel-cage motor. The new diagnostic options based on different forms of representation of the electromagnetic field in the air gap of motor, having circuit turns the stator winding shown their benefits. References 7, figures 3, tables 2.

Key words: asynchronous motor, winding stator, coils circuit, diagnostics, magnetic field.

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