

DEFENSIVE PUBLICATION

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T925,001

DYNAMOELECTRIC MACHINE WITH A SUPER-CONDUCTIVE FIELD WINDING FOR OPERATION IN EITHER A SYNCHRONOUS OR AN ASYNCHRONOUS MODE

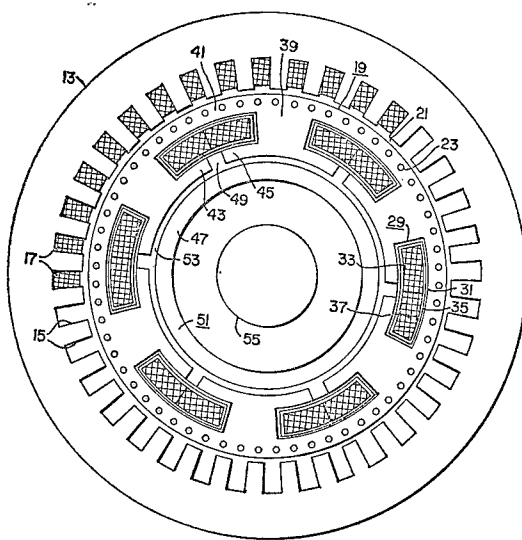
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1 Sheet Drawing. 16 Pages Specification



Two parallel magnetic flux paths are provided in a dynamoelectric machine having a superconductive field winding. A first, or main, magnetic flux path includes at least one area of nonferromagnetic or diamagnetic material. A second, or shunt, magnetic flux path prevents the relatively low frequency AC flux present during starting or asynchronous operation of the machine, when used as an AC motor, from penetrating the superconductive winding.

Aug. 6, 1974

C. J. MOLE ET AL

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