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(54) **HIGH FREQUENCY MEDIUM VOLTAGE  
TRANSFORMER WITH CENTRAL  
INSULATING DIVIDER**

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(57) **ABSTRACT**

An apparatus for a transformer with an insulating divider includes a primary winding proximate to a primary magnetic core assembly and a secondary winding proximate to a secondary magnetic core assembly. The primary magnetic core assembly and the secondary magnetic core assembly are made of materials with a high magnetic permeability. The apparatus includes a divider placed between the primary and secondary magnetic core assemblies. The divider includes an electrically insulating material. The apparatus includes an electrically insulating potting material surrounding each of the magnetic core assemblies in a vicinity of the divider.

