

ABSTRACT**METHOD FOR MAKING AN ELECTRIC MOTOR WINDING**

A method for making a wound field for an electric motor, generator or alternator includes the steps for continuously winding an insulated conductor into a coil having a first plurality of windings wound in a first direction, and a second plurality of windings wound in a second direction opposite the first direction, flattening the coil into a two-layered flat web, wherein the peripheral section of the first plurality of windings overlies a corresponding diametrically-opposite peripheral section of the second plurality of windings. A multiphase wound field (24) can be made by winding a plurality of insulated conductors (38, 40 and 42) to form a plurality of groups of adjacent coil units (62, 76, 90 and 104), with each group being wound in alternating directions to form an elongate winding assembly. The entire assembly, is then flattened to form a flat, two-layered web (138), and rolled end-to-end into a cylindrical configuration.

Figure 6

This Sheet Has Been Replaced

