

A B S T R A C T

ELECTRIC MOTOR

The invention concerns an electric motor whose coil ends can be formed by fitting insulating covers and what is equipped with a coil having a short perimeter and capable of assembly mechanization. The upper and lower end faces (22a) and slots (23) of a laminated core as a stator core (20) are used to form an insulating portion (26), whereas a coil (42) is wound through the slots (23). Subsequently, an upper and a lower coil cover (31, 40) whose internal sectional configuration conforms to the coil end (43) are fitted in from the upper and lower sides of the stator core, respectively. Then a lead (52) is connected to the terminal (57) provided on the upper coil cover (31).

Figure 1

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This Sheet Has Been Replaced

