

INSULATING PAPER AND INSULATING METHOD FOR CONNECTION OF LEADER LINE AND LEAD WIRE OF ELECTRIC MOTOR

ABSTRACT

Insulating paper (IP) for insulating the connections of a leader line and a lead wire (9) of an electric motor prevents rare short circuit or other insulation failures even when a coil end is pressure-formed. The insulating paper has: a seating (5) formed on one edge thereof; and a plurality of connection casings (1, 2, 3) formed on an outer peripheral section of the insulating paper (IP) on the opposite side from the seating (5), which are mutually insulated and aligned horizontally, and in which the connection of the leader line and the lead wire (9) of the electric motor are housed. The seating is buried in a coil (7) end of a stator of the electric motor when attaching it to the stator of the electric motor while the connection casings (1, 2, 3) are positioned on the surface of the coil (7) end of the stator of the electric motor rather than being buried in the coil (7) end.

Fig. 4