

The invention relates to the electric engineering and is provided for starting of the induction motors in explosible rooms.

The induction motor includes a stator with winding, a short-circuit rotor, the shaft of which is placed in end brackets, all being installed into a single body. The rotor length exceeds the stator length. In the placement point of the rotor free end it is mounted coaxial thereto, forming an air gap, a ring of ferromagnetic current-conducting material, the length of which exceeds the length of the rotor free end. The ring is mounted with the possibility of axial movement by means of guide pins, fixed to its forepart, being freely placed into the holes made in the end bracket. The length of the free end of the rotor shaft, placed inside the body, exceeds the ring length.

Claims: 3

Fig.: 1