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The invention relates to the electric engineering and is meant for functioning of the asynchronous electric motors in dangerously explosive rooms.

The asynchronous motor includes a body, wherein there are placed a stator with winding and a short-circuited rotor, the shaft of which is supported in bearings, at the same time the rotor's length is greater than the stator's length. In the location of the rotor's free end, coaxial to it, it is mounted with clearance and with the possibility of movement in axial direction a ring, the length of which exceeds the length of the rotor's free end. The ring is made of a set of mixed ferromagnetic sheets with slots, wherein it is placed the winding, and supplementary includes a resistance placed outside the body, which is connected to the ring's winding.

Claims: 1

Fig.: 1