

The invention relates to instrument engineering, in particular to electrostatic motors, and can be used in devices for pumping gas and liquid coolants in the high-voltage power equipment cooling and thermostating systems. The electrostatic motor comprises a stator with corona-forming electrodes (1 and 3), which are connected across one to the analogous poles of a high-voltage source (2), and a dielectric rotor (4) with longitudinal metal electrodes (5). The ratio of the transverse dimension of the electrodes (5) to the distance between them S_1/S_2 is within the range of 0.4...6. The gap between the electrodes (5) is covered with a dielectric film with partial overlap on the periphery of the electrodes (5). The electrodes (1 and 3) are provided at the ends with dielectric ferrules.

Claims: 1

Fig.: 3

