

ABSTRACT

MULTIPOLAR MOTOR WITH TWO ROTORS

The multipolar motor with two rotors includes two coaxial axially magnetised rotors (3, 5) arranged on either side of an intermediate stator part (17). A first (13) and a second (15) stator parts each comprising a stator opening (19, 20) are respectively arranged on either side of the rotors. The first and second stator parts each comprise two polar expansions (13a, 13b, 15a, 15b) defining the stator opening. Each of these polar expansions is connected to the intermediate stator part (17) by a major electric circuit passing through the core (30) of a winding (33a, 33c).

(Figure 2)