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(54) Title: AN ELECTRIC MOTOR ROTOR WITH PERMANENT MAGNETS

(57) Abstract

An electric motor rotor with permanent magnets, said rotor including magnets (20) seated against a cylindrical lateral surface (11) of the core (10) of the rotor and a pair of annular caps (40), each cap being seated and affixed to an adjacent end face (12) of the core (10), said annular caps (40) limiting axial displacements of the magnets and defining, for both directions of circumferential displacement, stops for this displacement for each magnet (20), the confronting lateral edges (21) of a pair of consecutive magnets (20) being positioned by said annular caps (40), in order to define a previously established minimum circumferential distance.



