

ABSTRACT**THREE PHASED BALANCED OR UNBALANCED ASYMMETRIC RELUCTANCE
MOTOR**

This patent describes a three-phased reluctance motor (10) of stepper type with six coils placed in six slots (15^1 - 15^6) in a stator (5), $n \cdot 6$ teeth (7) in rotor (5) where n is an integer equal to or larger than 3, typically 8-16 and were the teeth (18) in stator (4) are shifted unsymmetrical so the motor (10) can produce torque at every angle between rotor (5) and stator (4).

Fig. 2