

**ABSTRACT****STATOR FOR ELECTRIC MACHINE AND LAMINATION THEREOF**

5 A stator for an electric machine, in particular a
switched reluctance machine, has a non-circular, for
example, square, outer profile and a set of equi-
angularly spaced stator poles which are angularly
arranged to be intermediate radially thickest and
10 thinnest parts of the ring to avoid the poles coinciding
with vibrational antinodes of the outer ring. In a
particular embodiment the outer profile is square and the
stator poles are angularly offset from a line of symmetry
drawn through the centre of the square at right angles to
15 one pair of opposite sides.