

**AMENDED CLAIMS**

[received by the International Bureau on 28 May 1999 (28.05.99);
original claims 2-4, 6 and 8 amended; remaining claims unchanged (3 pages)]

1. An electric motor comprising:
a stator having a stack of laminations with first and
second ends and a cross section;
a connector block mounted on one end of the stator,
5 substantially entirely within the cross-section of the
stator, the connector block having a plurality of
compartments oriented generally radially outward with
respect to the stator; electrical contacts in at least
some of the compartments; and an end shield mounted over
10 the end of the stator, the shield overlying the connector
block, but spaced sufficiently from the stator in the
vicinity of the connector block to allow free access to
the electrical contacts in the compartments in the
connector block from a generally radial direction.

2. The electric motor according to claim 1
wherein the stator comprises windings having loops for at
least two poles disposed in a plurality of slots in the
stator, the loops of the windings protruding from the
5 ends of the stator, the connector block being positioned
on an end of the stator, between the windings of adjacent
poles.

3. In an electric motor having a stator having a
stack of laminations having first and second ends and a
cross-sectional profile, and an end shield mounted over
at least one of the ends of the stator, the improvement
5 comprising a connector block mounted on the end of the
stator between the stator and the end shield, the
connector block being positioned substantially entirely
within the cross-sectional profile of the stator, and the
connector block having electrical contacts mounted in
10 compartments oriented generally radially outwardly, the



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connector block being accessible through a gap between the stator and the end shield.

4. The electric motor according to claim 3 wherein the stator comprises windings having loops for at least two poles disposed in a plurality of slots in the stator, the loops of the windings protruding from the ends of the stator, the connector block being positioned on an end of the stator, between the windings of adjacent poles.

5. The electric motor according to claim 3 wherein the connector block has at least one foot projecting from its lower surface, and wherein the stator has a slot in its side for receiving the foot.

6. The electric motor according to claim 5 wherein the stator comprises windings having loops for at least two poles disposed in a plurality of slots in the stator, the loops of the windings protruding from the ends of the stator, the connector block being positioned on an end of the stator, between the windings of adjacent poles.

7. An electric motor adapted for robotic installation in an appliance, the motor comprising a stator having a stack of laminations with first and second ends and a cross-sectional profile, an end shield mounted over one end of the stator, and a connector block on the end of the stator positioned between the end shield and the stator, substantially entirely within the cross sectional profile of the stator, the connector block having generally transversely accessible electrical contacts.

8. The electric motor according to claim 7 wherein the stator comprises windings having loops for at least two poles disposed in a plurality of slots in the stator, the loops of the windings protruding from the ends of the stator, the connector block being positioned



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on an end of the stator, between the windings of adjacent poles.

9. The electric motor according to claim 1 wherein the cross section of the stator is generally rectangular, having four faces.

10. The electric motor according to claim 3 wherein the cross-sectional profile of the stator is generally rectangular, having four faces.

11. The electric motor according to claim 7 wherein the cross-sectional profile of the stator is generally rectangular, having four faces.

