

Title (en)

MESH CONNECTED ELECTRICAL ROTATING MACHINE WITH SPAN CHANGING

Title (de)

MASCHENVERBUNDENE ELEKTRISCHE DREHMASCHINE MIT SPANNENWECHSEL

Title (fr)

MACHINE TOURNANTE ELECTRIQUE A CONNEXION EN POLYGONE A PORTEE VARIABLE

Publication

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Application

**EP 02744124 A 20020426**

Priority

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Abstract (en)

[origin: WO02089306A1] An electrical rotating apparatus is provided that has variable impedance. This is achieved by connecting one of the polyphase components(406) of the apparatus in a mesh connection. The spanning value, L, of such a mesh connection may be varied by changing the harmonic content supplied by an inverter component. Also provided is a method for connecting an inverter to a motor, wherein a switching arrangement(414) permits the simple alteration between various mesh connections of different span value, changing thereby the Volts/Hertz ratio of the motor.

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**H02P 5/17**

IPC 8 full level

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