

06/08/03
2003047057



162162

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



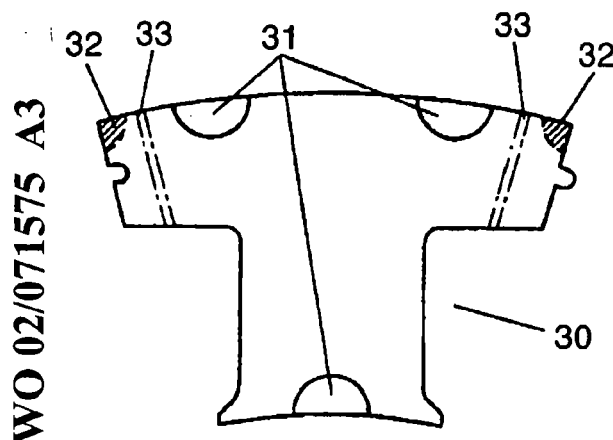
(43) International Publication Date
12 September 2002 (12.09.2002)

PCT

(10) International Publication Number
WO 02/071575 A3

- (51) International Patent Classification: H02K 15/02, 1/14
- (21) International Application Number: PCT/JP02/01834
- (22) International Filing Date: 28 February 2002 (28.02.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2001-057757 2 March 2001 (02.03.2001) JP
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- (81) Designated States (national): CN, SG.
- (84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
- Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:
12 December 2002
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MOTOR WITH DIVIDED STATOR HAVING BONDED LAMINATIONS



(57) Abstract: A motor includes a stator (1) formed by assembling plural divided-stator-members (2) - each one of the members (2) having a tooth (10) - into an annular shape, and a rotor (6) facing the stator (1). The divided stator members (2) are formed by laminating plural core sheets and bonding at least parts of end faces of the core sheets along the laminating direction. This structure allows forming a lamination of the core sheets without welding, which avoids damaging electrical insulation between each core sheet. Eddy current thus does not increase at an inner rim (11) of the stator, where magnetic flux intensely changes. The motor efficiency is, therefore, not adversely affected. As a result, a small, efficient and high performance motor in a simple structure is obtainable. A compressor employing the same motor and enjoying the advantages of the motor is also obtainable.

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