



(11) **EP 1 860 329 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 72

(51) Int Cl.:
F15B 15/14 (2006.01)

(86) International application number:
PCT/JP2005/022133

(48) Corrigendum issued on:
19.09.2012 Bulletin 2012/38

(87) International publication number:
WO 2006/098062 (21.09.2006 Gazette 2006/38)

(45) Date of publication and mention
of the grant of the patent:
18.04.2012 Bulletin 2012/16

(21) Application number: **05811318.4**

(22) Date of filing: **25.11.2005**

(54) **MAGNET-TYPE RODLESS CYLINDER**
KOLBENSTANGELOSER MAGNETZYLINDER
CYLINDRE SANS TIGE DE TYPE A AIMANT

(84) Designated Contracting States:
DE FR GB IT

(30) Priority: **15.03.2005 JP 2005073518**

(43) Date of publication of application:
28.11.2007 Bulletin 2007/48

(73) Proprietors:
• **Howa Machinery, Ltd.**
Kiyosu-shi, Aichi 452-8601 (JP)
• **Koganei Corporation**
Koganei-shi
Tokyo 184-8533 (JP)

(72) Inventors:
• **HORIKAWA, Akiyoshi**
c/o Koganei Corporation
Koganei-shi,
Tokyo 184-8533 (JP)

• **MINOWA, Naoki**
c/o Koganei Corporation
Koganei-shi,
Tokyo 184-8533 (JP)
• **YOSHIDA, Hiroshi**
c/o Koganei Corporation
Koganei-shi,
Tokyo 184-8533 (JP)
• **NODA, Mitsuo**
Aichi 491-0914 (JP)

(74) Representative: **Kramer - Barske - Schmidtchen**
Landsberger Strasse 300
80687 München (DE)

(56) References cited:
DE-U1- 29 815 317 JP-A- 11 336 708
JP-A- 60 172 711 JP-U- 3 044 213
JP-Y2- 2 514 499

EP 1 860 329 B8

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).