



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 582 956 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

Note: Bibliography reflects the latest situation

(15) Correction information:

Corrected version no 1 (W1 A2)
Corrections, see page(s)
INID code(s) 72

(51) Int Cl.:

G05B 19/425 ^(1995.01) **B25J 9/16** ^(1985.01)
B25J 13/02 ^(1968.09)

(48) Corrigendum issued on:

11.01.2006 Bulletin 2006/02

(43) Date of publication:

05.10.2005 Bulletin 2005/40

(21) Application number: **05006908.7**

(22) Date of filing: **30.03.2005**

(84) Designated Contracting States:

**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR**

Designated Extension States:

AL BA HR LV MK YU

(30) Priority: **31.03.2004 JP 2004104537**

(71) Applicant: **FANUC LTD**

**Minamitsuru-gun,
Yamanashi 401-0597 (JP)**

(72) Inventors:

- **Nihei, Ryo**
Fujiyoshida-shi
Yamanashi 403-0005 (JP)

- **Kinoshita, Satoshi**
Minamitsuru-gun
Yamanashi 401-0511 (JP)
- **Yasumura, Mitsuhiro**
Minamitsuru-gun
Yamanashi 401-0302 (JP)
- **Yamashiro, Hikaru**
Fuefuki-shi
Yamanashi 406-0834 (JP)

(74) Representative: **Schmidt, Steffen J.**

Wuesthoff & Wuesthoff,
Patent- und Rechtsanwälte,
Schweigerstrasse 2
81541 München (DE)

(54) **Manual operating unit for robot**

(57) A manual operating unit for operating a robot in a manual mode, for the purpose of a teaching operation, a start/stop operation, or the like. The manual operating unit includes a housing; a robot diagram provided on the housing for schematically showing an external appearance of a robot mechanical section; an index provided on the housing in association with the robot diagram for representing a plurality of directions of motions to be performed by the robot mechanical section under control; and a motion command section provided on the housing in association with the index for causing the robot me-

chanical section to perform the motions in the directions represented by the index. For example, the index includes a drawing illustrating three coordinate axes of a three-axis rectangular coordinate system provided for the robot mechanical section. In this arrangement, the motion command section includes a plurality of motion command keys for causing the robot mechanical section to perform the motions along the three coordinate axes illustrated by the drawing.

EP 1 582 956 A8