



(11) **EP 2 177 699 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 71

(51) Int Cl.:
E05C 9/06 (2006.01) **E05B 5/00 (2006.01)**
E05G 1/00 (2006.01) **E05B 47/06 (2006.01)**

(48) Corrigendum issued on:
23.06.2010 Bulletin 2010/25

(43) Date of publication:
21.04.2010 Bulletin 2010/16

(21) Application number: **09173045.7**

(22) Date of filing: **14.10.2009**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO SE SI SK SM TR
Designated Extension States:
AL BA RS

(30) Priority: **15.10.2008 IT BS20080181**

(71) Applicant: **Bordogna S.p.A.**
25036 Palazzolo sull'Oglio (BS) (IT)

(72) Inventor: **Bordogna, Riccardo**
I-25036, Palazzolo sull'Oglio (BRESCIA) (IT)

(74) Representative: **Chimini, Francesco et al**
Jacobacci & Partners S.p.A.
Piazza della Vittoria 11
25122 Brescia (IT)

(54) **Opening and closing assembly for a safe door**

(57) The invention relates to an opening/closing assembly (1) of a door (2) of a safe (3), comprising a handle assembly (10) fitted with a knob (12), a pinion (16) operatively connected to the command shaft (14) of the handle assembly (10), and at least one tie-rod (20a) pulling the closure pins of the door (2). The tie-rod (20a) has a rack portion (18) engaging in the pinion (16) so as to be moveable from a forward position of the door closed and the rearward position of the door open. The pinion (16) is, in addition, joined to a tang (24) containing an axial seat (26) in which a polygonal portion (14a) of the command shaft (14) is inserted in a shaped coupling. The handle assembly (10) is axially moveable in relation to said tang (24) between a rest position wherein the knob (12) is embedded in its respective seat (4) made in the door (2) and a rearward manoeuvre position wherein the knob (12) is outside the door (2) so as to be rotated.

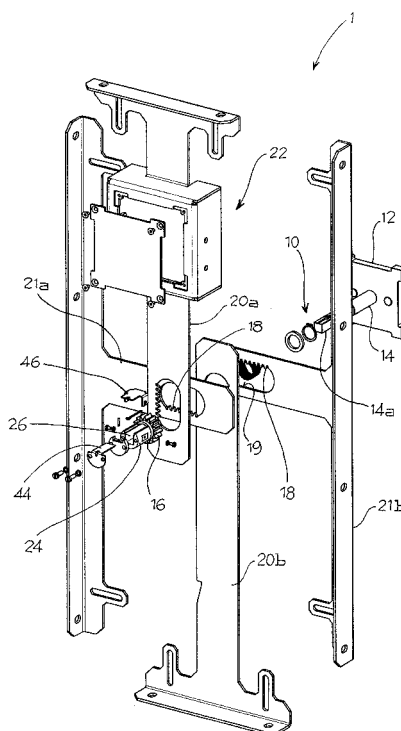


Fig. 1

EP 2 177 699 A8