



(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A2)
Corrections, see
Bibliography INID code(s) 71

(51) Int Cl.:
B62D 5/00 (2006.01)

(48) Corrigendum issued on:
02.05.2012 Bulletin 2012/18

(43) Date of publication:
28.03.2012 Bulletin 2012/13

(21) Application number: **10186445.2**

(22) Date of filing: **04.10.2010**

(84) Designated Contracting States:
AL 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 RS SE SI SK SM TR
Designated Extension States:
BA ME

(72) Inventors:
• **McDonald, Kenneth**
Novi, MI 48375 (US)
• **Thomas, James**
Clarkston, MI 48346 (US)
• **Reimer, Lawrence B**
Janesville, WI 53546 (US)

(30) Priority: **27.09.2010 US 891236**

(71) Applicant: **Bourns Incorporated**
Riverside, CA 92507 (US)

(74) Representative: **Garratt, Peter Douglas et al**
Mathys & Squire LLP
120 Holborn
London
EC1N 2SQ (GB)

(54) **Three-piece torque sensor assembly**

(57) A target magnet assembly configured to be secured to a rotating shaft of a steering gear assembly. The target magnet assembly includes an index hub with a mount and a magnet secured by the mount. The mount

includes a tab with a protrusion extending from the tab, a finger, and a stop. The magnet includes an axial retention groove receiving the finger, a top surface abutting the stop, and a radial retention groove receiving the protrusion.

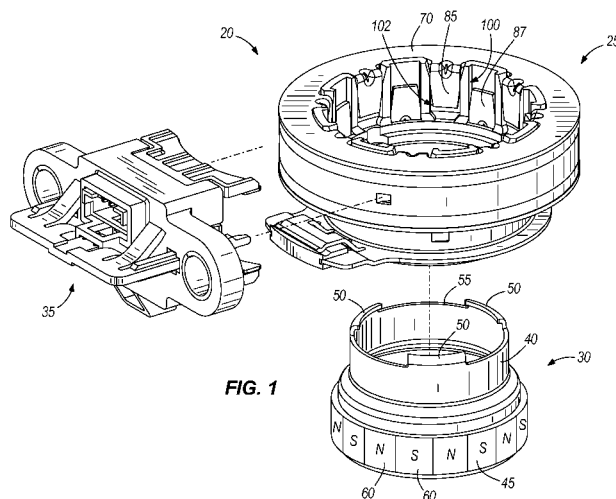


FIG. 1