

Title (en)

Subunit for actuating a rotating shaft whose actual rotational angle is to be continuously detected

Title (de)

Teileinheit zur Betätigung einer drehbar gelagerten Welle, deren aktueller Drehwinkel kontinuierlich zur erfassen ist

Title (fr)

Sous assemblage pour l'actuation d'un arbre tournant dont la position angulaire est à détecter de manière continue

Publication

EP 1669573 A2 20060614 (DE)

Application

EP 05110326 A 20051104

Priority

DE 102004059171 A 20041208

Abstract (en)

Dividing unit has grid made of metal strips, connection contact (1b,1b') and connections. Connection is joined with choke (4) which is connected with engine connecting lug (7) and connection is joined with choke (5) which is connected with engine connection lug (6) by which grid is connected concentric with magneto resistive rotation angle sensor (3). The grid, connection contact, both connections as well as both engine connecting lugs are completely or partially surrounded by a casing (10) made of electrically non-conducting synthetic material. The engine connecting lugs have clamped connections (9,8). An independent claim is also included for the application of the dividing unit.

IPC 8 full level

F02D 11/10 (2006.01); **F02D 9/02** (2006.01)

CPC (source: EP)

F02D 11/10 (2013.01); **F02D 11/106** (2013.01); **F02D 2400/18** (2013.01)

Cited by

CN102037222A; WO2009141190A1; WO2009021767A1; US8314524B2; JP2011521160A; EP2087320B1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

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DE 502005008993 D1 20100325

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