

Title (en)  
SPINDLE AND MAGNET SYSTEM FOR SPEEDOMETERS

Title (de)  
SPINDEL- UND MAGNETSYSTEM FÜR TACHOMETER

Title (fr)  
SYSTÈME D'AXE ET D'AIMANT POUR INDICATEURS DE VITESSE

Publication  
**EP 2165202 A4 20111130 (EN)**

Application  
**EP 07827539 A 20070822**

Priority  
• IN 2007000362 W 20070822  
• IN 1454CH2007 A 20070705

Abstract (en)  
[origin: WO2009004640A1] The present invention relates to an improved spindle (4) and magnet (2) assembly of Speedo movement for automobiles comprising cable stopper (10) provided in bearing block (7) to prevent cable get loaded onto spindle (4) during rotation; and bush sintered (8) having reduced bore length to ease friction with the spindle (4).

IPC 8 full level  
**G01P 1/04** (2006.01); **B60K 35/00** (2006.01)

CPC (source: EP)  
**G01P 1/04** (2013.01)

Citation (search report)  
• [XA] US 3839882 A 19741008 - GILARSKI C  
• [A] US 4646042 A 19870224 - ESHELMAN ROBERT W [US]  
• [A] GB 1196704 A 19700701 - SMITHS INDUSTRIES LTD [GB]  
• [A] GB 1015447 A 19651231 - SKF KUGELLAGERFABRIKEN GMBH  
• See references of WO 2009004640A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2009004640 A1 20090108**; EP 2165202 A1 20100324; EP 2165202 A4 20111130

DOCDB simple family (application)  
**IN 2007000362 W 20070822**; EP 07827539 A 20070822