

Title (en)

POSITION SENSOR INSENSITIVE TO EXTERNAL FIELDS AND TO OFFSETS

Title (de)

POSITIONSSENSOR MIT UNEMPFINDLICHKEIT FÜR EXTERNE FELDER UND EXZENTRIERUNGEN

Title (fr)

CAPTEUR DE POSITION PRESENTANT UNE INSENSIBILITE AUX CHAMPS EXTERIEURS ET AUX EXCENTRATIONS

Publication

EP 1290403 A1 20030312 (FR)

Application

EP 01940697 A 20010606

Priority

- FR 0101745 W 20010606
- FR 0007237 A 20000606

Abstract (en)

[origin: FR2809808A1] The magnetic position sensor has two ferromagnetic assemblies (40,40') with a principal air gap (44) between them. A permanent magnet (41) attached to the subject being measured moves in the air gap. Each ferromagnetic assembly is divided into two parts (42,42'43,43') and magneto-sensitive elements (46,46') are located in the secondary air gaps (45,45').

IPC 1-7

G01B 7/00

IPC 8 full level

G01B 7/00 (2006.01); **G01D 5/14** (2006.01); **G01D 5/16** (2006.01)

CPC (source: EP)

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Citation (search report)

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