

Title (en)

METHOD OF PRODUCING A WHEEL SPEED SENSOR AND THE CORRESPONDING SENSOR

Title (de)

HERSTELLUNGSVERFAHREN FÜR EINEN RADGESCHWINDIGKEITSAUFNEHMER UND ENTSPRECHENDER
RADGESCHWINDIGKEITSAUFNEHMER

Title (fr)

PROCEDE DE FABRICATION D'UN CAPTEUR DE VITESSE D'UNE ROUE ET CAPTEUR CORRESPONDANT

Publication

EP 1488242 A1 20041222 (FR)

Application

EP 03708156 A 20030228

Priority

- EP 0302067 W 20030228
- FR 0203820 A 20020327

Abstract (en)

[origin: WO03081260A1] The invention relates to a method of producing a wheel speed sensor comprising a cable (15) containing electric connecting wires between the sensor and a data processing means, pins which are connected to the wires and to connecting legs of an element used to detect the rotation speed of the wheel of the vehicle, a first part (3) of a plastic-moulded casing comprising a shaft (13) which is moulded around one end of the wires of the cable and a cavity containing the pins and the detection element. The pins are separated from one another and the wires are separated from one another at the stripped end thereof. Moreover, the detection element is held in place in the aforementioned cavity of the first part of the casing by means of support knobs which form an integral part of said first part of the casing. The invention also comprises a second part (5) of the casing comprising a part which is used to isolate the pins and the detection element from the outside.

IPC 1-7

G01P 1/02; **G01D 11/24**; **B29C 45/14**; **H01R 43/24**; **H01R 13/405**

IPC 8 full level

B29C 45/16 (2006.01); **G01D 11/24** (2006.01); **G01P 1/02** (2006.01); **B29C 45/14** (2006.01); **H01R 43/24** (2006.01)

CPC (source: EP KR US)

B29C 45/1671 (2013.01 - EP US); **G01D 11/245** (2013.01 - EP US); **G01P 1/02** (2013.01 - KR); **G01P 1/026** (2013.01 - EP US); **B29C 45/14836** (2013.01 - EP US); **B29L 2031/3061** (2013.01 - EP US); **H01R 43/24** (2013.01 - EP US); **Y10T 29/49993** (2015.01 - EP US)

Citation (search report)

See references of WO 03081260A1

Citation (examination)

FR 2683315 A1 19930507 - ELECTRICFIL [FR]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03081260 A1 20031002; EP 1488242 A1 20041222; FR 2837926 A1 20031003; FR 2837926 B1 20040528; JP 2005529312 A 20050929; JP 4510469 B2 20100721; KR 100966663 B1 20100629; KR 20040094798 A 20041110; US 2005115317 A1 20050602; US 7233141 B2 20070619

DOCDB simple family (application)

EP 0302067 W 20030228; EP 03708156 A 20030228; FR 0203820 A 20020327; JP 2003578942 A 20030228; KR 20047014438 A 20030228; US 50604104 A 20040830