

Title (en)

SENSOR ASSEMBLY FOR ASCERTAINING THE PATH OF A MOVED PART

Title (de)

SENSORANORDNUNG ZUR WEGERFASSUNG AN EINEM BEWEGTEN BAUTEIL

Title (fr)

AGENCEMENT DE CAPTEUR SERVANT À DÉTECTER UNE TRAJECTOIRE SUR UN COMPOSANT MOBILE

Publication

EP 3123117 A1 20170201 (DE)

Application

EP 15708771 A 20150225

Priority

- DE 102014205566 A 20140326
- EP 2015053902 W 20150225

Abstract (en)

[origin: WO2015144377A1] The invention relates to a sensor assembly (1) for ascertaining the path of a moved part (5), wherein at least one spatial component of a magnetic field of a magnetic measuring assembly (10) is changed by the movement of the part (5) along the path to be ascertained, and whereby the position of the moved part (5) in relation to a fixed sensitive measuring element (16.1) can be detected. According to the invention, the magnetic field is generated by at least one effective magnet (18) connected to the moved part (5), and at least one support magnet (12) arranged in a fixed manner in the measuring region of the sensitive measuring element (16.1).

IPC 8 full level

G01D 5/14 (2006.01)

CPC (source: CN EP US)

G01D 5/145 (2013.01 - CN EP US); **G01D 5/147** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2015144377A1

Citation (examination)

DE 19634282 A1 19980226 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)

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 state (EPC)

BA ME

DOCDB simple family (publication)

DE 102014205566 A1 20151001; CN 106164621 A 20161123; CN 106164621 B 20190312; EP 3123117 A1 20170201; JP 2017508982 A 20170330; JP 6534682 B2 20190626; US 2017108354 A1 20170420; US 9927260 B2 20180327; WO 2015144377 A1 20151001

DOCDB simple family (application)

DE 102014205566 A 20140326; CN 201580016350 A 20150225; EP 15708771 A 20150225; EP 2015053902 W 20150225; JP 2016559254 A 20150225; US 201515128791 A 20150225