

Title (en)

SYSTEM FOR MEASURING THE THICKNESS OF A LAYER OF RUBBER FOR A TYRE

Title (de)

SYSTEM ZUR MESSUNG DER DICKE EINER KAUTSCHUKSCHICHT FÜR EINEN REIFEN

Title (fr)

SYSTÈME DE MESURE DE L'ÉPAISSEUR D'UNE COUCHE DE GOMME D'UN PNEUMATIQUE

Publication

**EP 3011263 A1 20160427 (FR)**

Application

**EP 14731640 A 20140620**

Priority

- FR 1355857 A 20130620
- EP 2014062999 W 20140620

Abstract (en)

[origin: WO2014202747A1] The invention concerns a system for measuring the thickness of a layer of rubber material for a tyre, the layer having a face connected to an adjacent metal reinforcement and a free face in contact with the air. The system comprises a sensor which can measure the distance d between the connected face and the free face of the rubber material layer, the sensor comprising a static magnetic field source and a sensitive element of which the output signal depends on the level of the local magnetic field, disposed such that the intensity of the magnetic field measured by the sensitive element varies when the distance d decreases.

IPC 8 full level

**G01B 7/26** (2006.01)

CPC (source: EP US)

**G01B 7/26** (2013.01 - EP US); **G01M 17/02** (2013.01 - US)

Citation (examination)

US 6278269 B1 20010821 - VIG RAVI [US], et al

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)

**FR 3007517 A1 20141226; FR 3007517 B1 20160819**; BR 112015031550 A2 20170725; BR 112015031550 A8 20180102; BR 112015031550 B1 20220503; CN 105393078 A 20160309; CN 105393078 B 20190726; EP 3011263 A1 20160427; US 10113855 B2 20181030; US 2016153763 A1 20160602; WO 2014202747 A1 20141224

DOCDB simple family (application)

**FR 1355857 A 20130620**; BR 112015031550 A 20140620; CN 201480034804 A 20140620; EP 14731640 A 20140620; EP 2014062999 W 20140620; US 201414899848 A 20140620