

Title (en)

RADAR SENSOR WITH MONITORING CIRCUIT

Title (de)

RADARSENSOR MIT ÜBERWACHUNGSSCHALTUNG

Title (fr)

CAPTEUR RADAR COMPRENANT UN CIRCUIT DE SURVEILLANCE

Publication

EP 2812725 A1 20141217 (DE)

Application

EP 12812573 A 20121217

Priority

- DE 102012201990 A 20120210
- EP 2012075760 W 20121217

Abstract (en)

[origin: WO2013117277A1] The invention relates to a radar sensor for motor vehicles, having a monolithic, integrated microwave circuit (10) which comprises an oscillator (16) to generate a transmission signal and a mixer (20) to generate an intermediate frequency signal (IF) from a received signal, the monolithic, integrated microwave circuit (10) further comprising at least one sensor (28; 32; 38; 42; 58; 62; 64; 66) and a monitoring circuit (30; 62) which is configured to compare a measurement variable measured by the sensor to a desired state of the measurement variable, wherein the monitoring circuit (30) can be configured to control a circuit part (50) of the monolithic, integrated microwave circuit (10) on the basis of the result of the comparison.

IPC 8 full level

G01S 13/931 (2020.01); **G01S 7/40** (2006.01)

CPC (source: CN EP)

G01S 7/032 (2013.01 - EP); **G01S 7/4017** (2013.01 - CN EP); **G01S 13/931** (2013.01 - CN EP); **G01S 2013/9321** (2013.01 - CN EP); **G01S 2013/9325** (2013.01 - CN EP)

Citation (search report)

See references of WO 2013117277A1

Cited by

CN109100688A; US11796636B2

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)

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DE 102012201990 A1 20130814; **DE 102012201990 B4 20230216**; CN 104303074 A 20150121; CN 104303074 B 20170606; EP 2812725 A1 20141217; WO 2013117277 A1 20130815

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