

Title (en)  
RADAR SENSOR FOR MOTOR VEHICLES

Title (de)  
RADARSENSOR FÜR KRAFTFAHRZEUGE

Title (fr)  
CAPTEUR RADAR POUR VÉHICULES À MOTEUR

Publication  
**EP 3295517 A1 20180321 (DE)**

Application  
**EP 16710769 A 20160321**

Priority  
• DE 102015208901 A 20150513  
• EP 2016056144 W 20160321

Abstract (en)  
[origin: WO2016180564A1] A radar sensor (10) for motor vehicles having a transmitting antenna (14) and a receiving antenna (16) that is separate from the receiving antenna (14), characterized in that the transmitting antenna (14) is designed to emit radiation that is circularly polarized in a first direction and the receiving antenna (16) is designed to receive radiation that is circularly polarized in a second direction which is opposite the first direction.

IPC 8 full level  
**H01Q 9/04** (2006.01); **G01S 7/02** (2006.01); **G01S 7/03** (2006.01); **G01S 7/35** (2006.01); **G01S 13/931** (2020.01); **H01Q 1/32** (2006.01)

CPC (source: EP US)  
**G01S 7/026** (2013.01 - EP US); **G01S 7/03** (2013.01 - EP US); **G01S 7/354** (2013.01 - EP US); **G01S 13/34** (2013.01 - EP US); **G01S 13/931** (2013.01 - EP US); **H01Q 1/3233** (2013.01 - EP US); **H01Q 9/0428** (2013.01 - EP US)

Citation (search report)  
See references of WO 2016180564A1

Cited by  
CN113471694A

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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)  
**WO 2016180564 A1 20161117**; CN 107580682 A 20180112; DE 102015208901 A1 20161117; EP 3295517 A1 20180321; US 2018120413 A1 20180503

DOCDB simple family (application)  
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