

Title (en)
RADAR SENSOR FOR MOTOR VEHICLES, ESPECIALLY LCA SENSOR

Title (de)
RADARSENSOR FÜR KRAFTFAHRZEUGE, INSBESONDERE LCA-SENSOR

Title (fr)
CAPTEUR RADAR POUR VÉHICULES À MOTEUR, NOTAMMENT CAPTEUR LCA

Publication
EP 2616840 A1 20130724 (DE)

Application
EP 11739027 A 20110718

Priority
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• EP 2011062195 W 20110718

Abstract (en)
[origin: WO2012034736A1] Radar sensor for motor vehicles (44), comprising a transmitting antenna (Tx) in the form of a planar array antenna having a plurality of juxtaposed antenna elements (10, 12, 14, 16), and further comprising a supply network (26) for providing the antenna elements with microwave power, characterized in that the supply network (26) is designed to provide the antenna elements (10, 12, 14, 16) with microwave power that has a phase shift which increases from one end of the row to the other by constant increments.

IPC 8 full level
G01S 13/931 (2020.01); **H01Q 3/30** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP US)
G01S 13/931 (2013.01 - EP US); **H01Q 1/3233** (2013.01 - EP US); **H01Q 3/30** (2013.01 - EP US); **H01Q 9/0407** (2013.01 - EP US); **H01Q 21/06** (2013.01 - US); **H01Q 21/065** (2013.01 - EP US); **H01Q 21/08** (2013.01 - EP US); **G01S 2013/9315** (2020.01 - EP US); **H01Q 1/32** (2013.01 - US); **H01Q 3/26** (2013.01 - US); **H01Q 3/28** (2013.01 - US); **H01Q 3/34** (2013.01 - US); **H01Q 3/36** (2013.01 - US)

Citation (search report)
See references of WO 2012034736A1

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

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