

Title (en)
ANTENNA DEVICE AND METHOD FOR MANUFACTURING ANTENNA DEVICE

Title (de)
ANTENNENVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG DER ANTENNENVORRICHTUNG

Title (fr)
DISPOSITIF D'ANTENNE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3629418 A1 20200401 (EN)

Application
EP 18196478 A 20180925

Priority
EP 18196478 A 20180925

Abstract (en)
An antenna device mounted to an automobile includes an antenna component and an amplifier board provided with an amplifier to amplify signals received by the antenna component. The antenna component includes a metal plate and a resonance point adjusting coil having a first end connected to the metal plate, the resonance point adjusting coil being connected to an input terminal of the amplifier board at the first end via the metal plate. The impedance of the antenna component is adjustable by the mount angle of the resonance point adjusting coil to the antenna component.

IPC 8 full level
H01Q 1/32 (2006.01); **H01Q 9/32** (2006.01); **H01Q 9/36** (2006.01); **H01Q 9/40** (2006.01)

CPC (source: EP)
H01Q 1/3275 (2013.01); **H01Q 9/36** (2013.01); **H01Q 9/40** (2013.01)

Citation (applicant)
JP S5237617 B2 19770924

Citation (search report)
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• [A] US 2014002319 A1 20140102 - LINDENMEIER STEFAN [DE], et al
• [A] CN 201229985 Y 20090429 - XIAOPING JIANG [CN]
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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

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