

Title (en)
ANTENNA ASSEMBLY AND VEHICLE

Title (de)
ANTENNENANORDNUNG UND FAHRZEUG

Title (fr)
ENSEMBLE ANTENNE ET VÉHICULE

Publication
EP 4071930 A1 20221012 (EN)

Application
EP 21465517 A 20210408

Priority
EP 21465517 A 20210408

Abstract (en)
The invention concerns an antenna assembly (1), especially for a vehicle, comprising: - a printed circuit board (4), - at least one antenna element (11) comprising a feed connection pad (7) and a ground connection pad (8), the antenna element (11) being arranged on the printed circuit board (4), - wherein the feed connection pad (7) and the ground connection pad (8) of the antenna element (1) each are located on a surface (12) of the printed circuit board (4), - wherein the feed connection pad (7) is coupled to a feedline pad (9) of the printed circuit board (4), and wherein the ground connection pad (8) is coupled to a ground line pad (10) of the printed circuit board (4).

IPC 8 full level
H01Q 1/32 (2006.01); **H01Q 1/38** (2006.01); **H01Q 1/48** (2006.01); **H01Q 9/04** (2006.01); **H01Q 9/42** (2006.01)

CPC (source: EP)
H01Q 1/3275 (2013.01); **H01Q 1/38** (2013.01); **H01Q 1/48** (2013.01); **H01Q 9/0421** (2013.01); **H01Q 9/42** (2013.01)

Citation (applicant)
EP 2466552 B1 20180725 - CONTINENTAL AUTOMOTIVE GMBH [DE]

Citation (search report)
• [X] DE 102017010514 A1 20190516 - LINDENMEIER HEINZ [DE]
• [XI] US 2006192712 A1 20060831 - PARK II H [KR], et al
• [X] US 2005093678 A1 20050505 - FORSTER IAN J [GB], et al
• [XI] US 2005001768 A1 20050106 - SEKIGUCHI MASAMI [JP], et al
• [XI] US 2009015497 A1 20090115 - NAGUMO SHOJI [JP], et al
• [A] US 2009033570 A1 20090205 - CHEN YUN-TA [TW], 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)
EP 4071930 A1 20221012

DOCDB simple family (application)
EP 21465517 A 20210408