

Title (en)

Antenna assembly and electronic device comprising said antenna assembly

Title (de)

Antennenanordnung und elektronische Vorrichtung mit dieser Antennenanordnung

Title (fr)

Ensemble d'antenne et dispositif électronique comprenant ledit ensemble d'antenne

Publication

EP 2993729 A1 20160309 (EN)

Application

EP 14306372 A 20140905

Priority

EP 14306372 A 20140905

Abstract (en)

An antenna assembly mountable on a circuit board, the antenna assembly comprising a radiating part; a transmission part for feeding the radiating part the transmission part comprising a signal feed element and a ground element connectable to the circuit board; wherein: the ground element comprises an extension ground element, folded away from the ground element such that it extends over the signal feed element and the ground element to form a ground plane cover spaced apart from the signal feed element and connectable to a ground connection of the circuit board.

IPC 8 full level

H01Q 1/22 (2006.01); **H01Q 1/48** (2006.01); **H01Q 1/52** (2006.01); **H01Q 9/42** (2006.01)

CPC (source: EP)

H01Q 1/22 (2013.01); **H01Q 1/48** (2013.01); **H01Q 1/526** (2013.01); **H01Q 9/42** (2013.01)

Citation (search report)

- [X] US 5184143 A 19930202 - MARKO PAUL D [US]
- [X] US 2002183013 A1 20021205 - AUCKLAND DAVID T [US], et al
- [A] WO 9943037 A2 19990826 - QUALCOMM INC [US]

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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