

Title (en)  
SINGLE FACE ANTENNA MODULE COMPRISING CMS DEVICE

Title (de)  
EINSEITIGES ANTENNENMODUL MIT CMS-VORRICHTUNG

Title (fr)  
MODULE ANTENNE SIMPLE FACE AVEC COMPOSANT CMS

Publication  
**EP 3391460 A1 20181024 (FR)**

Application  
**EP 16819307 A 20161213**

Priority  
• EP 15307015 A 20151215  
• EP 2016080830 W 20161213

Abstract (en)  
[origin: WO2017102749A1] The invention relates to a module with integrated circuit chip (1C), comprising: - an insulating substrate (3), - metallisations comprising conductive tracks (25) produced on one side of the substrate (12), forming an antenna (2) and comprising two connection ends (8, 9), - a coating area (16) or location of the radiofrequency integrated circuit chip (4) and of a device (14) in the form of a surface-mounted device (SMD), the radiofrequency integrated circuit chip and the device being disposed on the same face of the substrate and connected to the antenna (2). The module is characterised in that the metallisations (2) are on a single same side of the insulating substrate, the connection being made by means of perforations (17) through the insulating film (3) or directly on the surface metallisations.

IPC 8 full level  
**H01Q 1/22** (2006.01)

CPC (source: EP US)  
**H01Q 1/2208** (2013.01 - EP US); **H01Q 1/2225** (2013.01 - EP US); **H01Q 1/2283** (2013.01 - EP US); **H01L 2224/48091** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017102749A1

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 3182507 A1 20170621**; CN 108370087 A 20180803; CN 108370087 B 20201009; EP 3391460 A1 20181024; SG 11201804394R A 20180628; US 10804594 B2 20201013; US 2018351233 A1 20181206; WO 2017102749 A1 20170622

DOCDB simple family (application)  
**EP 15307015 A 20151215**; CN 201680073410 A 20161213; EP 16819307 A 20161213; EP 2016080830 W 20161213; SG 11201804394R A 20161213; US 201615780465 A 20161213