

Title (en)  
Radiator for an antenna

Title (de)  
Strahler für eine Antenne

Title (fr)  
Élément rayonnant pour une antenne

Publication  
**EP 3035438 B1 20200701 (EN)**

Application  
**EP 14198718 A 20141218**

Priority  
EP 14198718 A 20141218

Abstract (en)  
[origin: EP3035438A1] The present invention provides a radiator 100 for an antenna, and an antenna comprising the radiator 100. The radiator 100 comprises a radiating element 101, which is made of a non-self-carrying sheet comprising at least a conductive surface. Further, the radiating element 101 comprises a non-conducting carrier 102, which is configured to hold in place the at least one radiating element 101. The radiating element 101 is connectable to the non-conductive carrier 102 such that the radiating element 102 follows at least one surface plane 103, 104 of the carrier 102. The radiator 100 may further comprise a feed 200 fittingly insertable into a feed slot 205 provided in the carrier 102, such that when the feed 200 is inserted in to the feed slot 205, a capacitive coupling between the feed 200 and the radiating element 101 is established.

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 21/26** (2006.01)

CPC (source: EP)  
**H01Q 1/246** (2013.01); **H01Q 9/28** (2013.01); **H01Q 21/26** (2013.01)

Cited by  
EP3531504A4; US11283194B2; US11870134B2; US10957983B2; CN110832702A; US2020161748A1; EP3649701A4; CN113178709A; WO2020123058A3; WO2022188946A1

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

DOCDB simple family (publication)  
**EP 3035438 A1 20160622; EP 3035438 B1 20200701**

DOCDB simple family (application)  
**EP 14198718 A 20141218**