

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

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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
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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

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