

Title (en)

Antenna, method of manufacturing an antenna and apparatus for manufacturing an antenna

Title (de)

Antenne, Herstellungsverfahren für eine Antenne und Vorrichtung zur Herstellung einer Antenne

Title (fr)

Antenne, procédé de fabrication d'une antenne et appareil de fabrication d'une antenne

Publication

EP 1881557 A1 20080123 (EN)

Application

EP 07013281 A 20070706

Priority

- EP 06014167 A 20060707
- EP 07013281 A 20070706

Abstract (en)

An antenna comprises a plurality of re-radiating elements arranged in at least one plane being parallel to a fixed surface. The arrangement is adapted such that electromagnetic radiation emitted from the re-radiating elements in response to electromagnetic radiation arriving from a predetermined direction interferes constructively at a feed location. Additionally, the antenna comprises a feed provided at the feed location. In a method of manufacturing an antenna, the arrangement of the plurality of re-radiating elements may be calculated and the re-radiating elements can be provided in the at least one plane substantially parallel to the substrate. An apparatus for manufacturing an antenna may comprise a data processor adapted to calculate the arrangement of the plurality of re-radiating elements and means for forming the plurality of re-radiating elements.

IPC 8 full level

H01Q 1/44 (2006.01); **H01Q 1/12** (2006.01); **H01Q 15/00** (2006.01); **H01Q 15/14** (2006.01); **H01Q 19/13** (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP)

H01Q 1/1221 (2013.01); **H01Q 1/44** (2013.01); **H01Q 15/002** (2013.01); **H01Q 15/0026** (2013.01); **H01Q 15/0046** (2013.01); **H01Q 15/142** (2013.01); **H01Q 19/13** (2013.01); **H01Q 21/0018** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1881557 A1 20080123

DOCDB simple family (application)

EP 07013281 A 20070706