

Title (en)
Easy-manufacturing antenna with dielectric structure

Title (de)
Einfacher hergestellte Antenne mit dielektrischer Struktur

Title (fr)
Antenne à structure diélectrique de fabrication simplifiée

Publication
EP 1798812 A1 20070620 (FR)

Application
EP 06291944 A 20061215

Priority
FR 0512768 A 20051215

Abstract (en)
The antenna has a carrying structure (1), a dielectric structure (2), and a conductive structure (3), where each structure includes a substrate plate (10) and two prisms (21, 22) carried by the plate. The plate and prisms constitute a stack in which the elements are connected with each other, and the dielectric structure is shaped in the stack by nano-printing, where the dielectric structure is realized in resin.

Abstract (fr)
L'invention concerne une antenne comprenant une structure porteuse (1), une structure diélectrique (2), et une structure conductrice (3), chaque structure étant formée d'au moins un élément structurel (10; 21, 22; 31-34). Selon l'invention, les éléments structurels des différentes structures (1, 2, 3) constituent un empilement dans lequel ces éléments (10; 21, 22; 31-34) sont liés les uns aux autres, et la structure diélectrique (2) est mise en forme dans l'empilement par pressage de forme.

IPC 8 full level
H01Q 9/44 (2006.01); **H01Q 1/38** (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP US)
H01Q 1/38 (2013.01 - EP US); **H01Q 9/0485** (2013.01 - EP US); **H01Q 9/44** (2013.01 - EP US)

Citation (search report)

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DE FR GB IT

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