

Title (en)

Low profile microwave slot antenna.

Title (de)

Flache Mikrowellen-Schlitzantenne.

Title (fr)

Antenne hyperfréquence à fente à structure de faible épaisseur.

Publication

EP 0487387 B1 19950802 (FR)

Application

EP 91403083 A 19911115

Priority

FR 9014621 A 19901123

Abstract (en)

[origin: EP0487387A1] The antenna of the invention has a "suspended three-plate" structure having two metal plates (26, 27) embracing a dielectric film (28). A channel for a supply line (31) of a slot (34) is made in this structure, the end of the central conductor (32) of the line penetrating into a cavity whose thickness is substantially equal to that of the channel, the slot being made in the upper wall of the cavity. <IMAGE>

IPC 1-7

H01Q 13/10

IPC 8 full level

H01Q 13/18 (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP US)

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Cited by

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EP 0487387 A1 19920527; **EP 0487387 B1 19950802**; DE 69111757 D1 19950907; DE 69111757 T2 19951214; FR 2669776 A1 19920529; FR 2669776 B1 19930122; US 5337065 A 19940809

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EP 91403083 A 19911115; DE 69111757 T 19911115; FR 9014621 A 19901123; US 79706791 A 19911125