

Title (en)

Slot coupled micromachined waveguide antenna

Title (de)

Schlitzgekoppelte mikrogefertigte Hohlleiterantenne

Title (fr)

Antenne à guide d'onde micro-usiné à couplage à fente

Publication

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Application

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Priority

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Abstract (en)

The present invention relates to a device for emitting and/or receiving a signal in the millimetre wave range, characterised in that said device comprises a first metallic layer, a first insulating layer interposed between said first metallic layer and a substrate, said substrate comprising a cavity extending to said insulating layer, and having a second metallic layer at least covering the walls of said cavity and covering part of said insulating layer, said first metallic layer having a slot facing said cavity. <IMAGE>

IPC 1-7

H01Q 21/00; **H01Q 13/06**; **H01Q 13/18**

IPC 8 full level

H01Q 13/06 (2006.01); **H01Q 13/18** (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP)

H01Q 13/06 (2013.01); **H01Q 13/18** (2013.01); **H01Q 21/0087** (2013.01)

Citation (search report)

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