

Title (en)  
WAVEGUIDE FILTER

Title (de)  
HOHLLEITERFILTER

Title (fr)  
FILTRE A GUIDES D'ONDES

Publication  
**EP 1004149 B1 20011121 (DE)**

Application  
**EP 98947357 A 19980728**

Priority  
• DE 9802133 W 19980728  
• DE 19736367 A 19970821

Abstract (en)  
[origin: DE19736367A1] The waveguide filter includes input and output step transformer area (1,3) and an area with waveguide sections which alternate in the height. A band stop filter (4,5) is integrated in the transformer areas in form of at least two consecutive stop members. (41,42,43,51,52,53). An Independent claim is included for application of the waveguide filter as low-pass filter in a transmission branch of a HF power amplifier, especially traveling wave tube amplifier for satellite.

IPC 1-7  
**H01P 1/211**

IPC 8 full level  
**H01P 1/211** (2006.01)

CPC (source: EP US)  
**H01P 1/211** (2013.01 - EP US)

Cited by  
CN108808187A

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 19736367 A1 19990225**; CA 2300937 A1 19990304; CA 2300937 C 20040511; DE 59802752 D1 20020221; EP 1004149 A1 20000531; EP 1004149 B1 20011121; US 6285267 B1 20010904; WO 9910947 A1 19990304

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**DE 19736367 A 19970821**; CA 2300937 A 19980728; DE 59802752 T 19980728; DE 9802133 W 19980728; EP 98947357 A 19980728; US 48617900 A 20000615