

Title (en)  
Waveguide filter

Title (de)  
Hohlleiterfilter

Title (fr)  
Filtre en guide d'onde

Publication  
**EP 1199768 A1 20020424 (FR)**

Application  
**EP 01123567 A 20011001**

Priority  
FR 0013582 A 20001018

Abstract (en)  
[origin: US2002044032A1] The invention proposes to reduce the costs of waveguide filters, especially for filters operating at millimeter wavelengths which require high accuracy. The filter of the invention is composed of a plurality of discs 2, 3 held in the cylinder of a support 1. The various parts constituting the filter are very much simplified which makes it possible to reduce the production costs while having good accuracy.

Abstract (fr)  
L'invention propose de réduire les coûts des filtres en guide d'onde, notamment pour les filtres travaillant dans les ondes millimétrique qui nécessitent une grande précision. Le filtre de l'invention est composé d'une pluralité de rondelles 2, 3 maintenues dans le cylindre d'un support 1. Les différentes pièces constitutives du filtre se trouvent très simplifiées ce qui permet de réduire les coûts de production tout en ayant une bonne précision. <IMAGE>

IPC 1-7  
**H01P 1/208**; **H01P 11/00**

IPC 8 full level  
**H01P 1/208** (2006.01); **H01P 7/06** (2006.01); **H01P 11/00** (2006.01)

CPC (source: EP US)  
**H01P 1/208** (2013.01 - EP US); **H01P 11/007** (2013.01 - EP US)

Citation (search report)

- [A] GB 731498 A 19550608 - STANDARD TELEPHONES CABLES LTD
- [A] DE 3512936 A1 19861016 - HIRSCHMANN RADIOTECHNIK [DE]
- [A] US 4701728 A 19871020 - IGARASHI SADA0 [JP]
- [A] US 4724408 A 19880209 - IGARASHI SADA0 [JP]

Citation (examination)

- DE 3617203 A1 19871126 - KATHREIN WERKE KG [DE]
- JP S63187801 A 19880803 - HITACHI LTD
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