

Title (en)  
Microwave filter.

Title (de)  
Mikrowellenfilter.

Title (fr)  
Filtre d'hyperfréquences.

Publication  
**EP 0117676 A2 19840905 (EN)**

Application  
**EP 84300873 A 19840213**

Priority  
GB 8305411 A 19830226

Abstract (en)  
An electrical assembly comprises a board (13) mounted on the bottom wall of an aluminium box (10) and having an insulating layer (16) mounted on a conductive layer (17), a microstrip circuit(18,19,20) formed on the insulating layer (16), and a comb-line microwave filter which includes a set of resonant elements (22 to 25) extending from the conductive layer into a cavity (27). The element (22) is insulated from the conductive layer (17) and is connected to a point in the microstrip circuit. By providing the microstrip circuit and filter on a common board, no connected leads are needed. Other filters may be combined with a microstrip circuit in a similar manner.

IPC 1-7  
**H01P 1/20**; **H01P 3/08**

IPC 8 full level  
**H01P 1/20** (2006.01); **H01P 3/08** (2006.01)

CPC (source: EP)  
**H01P 1/20** (2013.01); **H01P 3/081** (2013.01)

Cited by  
EP0252269A1; US5432489A; CN113054333A; EP0560503A1; EP0341401A3; US6005455A; AU720823B2; WO9749140A3

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