

Title (en)  
MICROWAVE BANDPASS FILTER

Publication  
**EP 0193162 B1 19900613 (FR)**

Application  
**EP 86102410 A 19860225**

Priority  
FR 8502850 A 19850227

Abstract (en)  
[origin: US4731596A] This highly reproducible stripline band-pass filter comprises, between its two leads (A and B), n halfwave resonators (1-7) connected in series. Suitable capacitors (C0-C7) provide a powerful coupling between the successive elements of the series circuit. Quarterwave resonators (10, 11, 70, 71) each having one end connected to the series circuit provide a steep-edge amplitude/frequency response at the limits of the pass-band of the hyperfrequency, wideband filter so obtained.

IPC 1-7  
**H01P 1/203**

IPC 8 full level  
**H01P 1/203** (2006.01)

CPC (source: EP US)  
**H01P 1/203** (2013.01 - EP US)

Cited by  
ES2091713A2; US6072999A; EP0800224A3; EP0368661A3; US5015976A; EP0373028A1; FR2648641A2

Designated contracting state (EPC)  
BE DE FR GB IT

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**EP 0193162 A1 19860903; EP 0193162 B1 19900613**; DE 3672035 D1 19900719; FR 2578104 A1 19860829; FR 2578104 B1 19870320; JP S6284601 A 19870418; NO 169366 B 19920302; NO 169366 C 19920610; NO 860694 L 19860828; US 4731596 A 19880315

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**EP 86102410 A 19860225**; DE 3672035 T 19860225; FR 8502850 A 19850227; JP 4134686 A 19860226; NO 860694 A 19860225; US 83278386 A 19860226