

Title (en)  
A HIGH-FREQUENCY BAND-PASS FILTER

Publication  
**EP 0440661 B1 19930929 (DE)**

Application  
**EP 89908824 A 19890801**

Priority  
DE 3835480 A 19881018

Abstract (en)  
[origin: WO9004861A1] A high-frequency band-pass filter comprises an input, a central and an output resonator coupled in parallel. The input and output resonators are capacitively reduced lambda quarter line resonators. To improve the damping characteristics, the central resonator takes to form of a capacitively reduced lambda half line resonator. The input resonator extends over a first part of the length of the central resonator. The output resonator extends over a second part of the length of the central resonator.

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

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

CPC (source: EP US)  
**H01P 1/20363** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**WO 9004861 A1 19900503**; DE 3835480 A1 19900419; DE 58905789 D1 19931104; EP 0440661 A1 19910814; EP 0440661 B1 19930929; US 5136269 A 19920804

DOCDB simple family (application)  
**EP 8900902 W 19890801**; DE 3835480 A 19881018; DE 58905789 T 19890801; EP 89908824 A 19890801; US 66056091 A 19910222