

Title (en)  
High-frequency component

Title (de)  
Hochfrequenz-Bauelement

Title (fr)  
Composant haute fréquence

Publication  
**EP 0903800 A3 20000419 (EN)**

Application  
**EP 98117767 A 19980918**

Priority  
JP 25530397 A 19970919

Abstract (en)  
[origin: EP0903800A2] A high-frequency component is provided that can easily realize a higher characterisitic impedance of a transmission line which constitutes an inductance element, that can be formed into a smaller size, and that has excellent frequency characteristics. In the high-frequency component, a high-pass filter (F1) formed of a transmission line (L1) and three capacitors (C1 - C3) is connected between a first port (P1) and a second port P2), and a low-pass filter (F2) formed of another transmission line (L2), which is an inductance element, and two capacitors (C4, C5), which are capacitance elements, is connected between the first port (P1) and the third port (P3). <IMAGE>

IPC 1-7  
**H01P 1/12**; **H01P 1/213**

IPC 8 full level  
**H01P 1/12** (2006.01); **H01P 1/213** (2006.01); **H03H 7/01** (2006.01); **H03H 7/46** (2006.01)

CPC (source: EP)  
**H01P 1/127** (2013.01); **H01P 1/2135** (2013.01)

Citation (search report)  
• [A] EP 0793289 A1 19970903 - HITACHI METALS LTD [JP]  
• [A] US 5404118 A 19950404 - OKAMURA HISATAKE [JP], et al  
• [X] PATENT ABSTRACTS OF JAPAN vol. 18, no. 38 (E - 1495) 20 January 1994 (1994-01-20)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 340 (E - 1569) 27 June 1994 (1994-06-27)

Cited by  
DE102004049684B4; CN104393600A; WO02052591A3

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