

Title (en)

Method for tuning the resonance frequency of a ring resonator

Title (de)

Verfahren zum Abgleichen der Resonanzfrequenz eines Ringresonators

Title (fr)

Procédé pour accorder la fréquence de résonance d' un résonateur en anneau

Publication

EP 0957529 B1 20061129 (DE)

Application

EP 99105635 A 19990319

Priority

DE 19821382 A 19980513

Abstract (en)

[origin: EP0957529A1] The ring resonator is formed as a strip ring. Conductive material is removed at one or more positions (2,3) on the ring using a laser, until the desired resonant frequency is achieved. Alternatively, strip lines connected to the ring may be removed.

IPC 8 full level

H01P 7/08 (2006.01)

CPC (source: EP US)

H01P 1/2039 (2013.01 - EP US); **H01P 7/082** (2013.01 - EP US); **H01P 7/088** (2013.01 - EP US)

Cited by

EP1039487A3

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

EP 0957529 A1 19991117; **EP 0957529 B1 20061129**; DE 19821382 A1 19991125; DE 59914017 D1 20070111; US 2001011936 A1 20010809; US 6373354 B2 20020416

DOCDB simple family (application)

EP 99105635 A 19990319; DE 19821382 A 19980513; DE 59914017 T 19990319; US 30662099 A 19990504