

Title (en)

Dielectric resonator construction and dielectric filter with reduced physical length

Title (de)

Dielektrische Resonatorstruktur und dielektrisches Filter mit reduzierter physischer Länge

Title (fr)

Construction de résonateur diélectrique et filtre diélectrique à longueur physique réduite

Publication

EP 0785593 A1 19970723 (EN)

Application

EP 97300228 A 19970115

Priority

FI 960256 A 19960118

Abstract (en)

In a dielectric resonator, the inner conductor comprises at least two portions, which are preferably implemented by forming two adjacent resonator holes (16, 17) in the frame block (15). The lower end of the first hole (16) is earthed and the lower end of the second hole (17) is electrically open. The upper ends of the holes are connected to one another in an electrically conductive manner. The electric length of the construction is approximately the same as the sum of the electric lengths of the portions. <IMAGE>

IPC 1-7

H01P 1/205; **H01P 7/04**

IPC 8 full level

H01P 1/205 (2006.01); **H01P 7/04** (2006.01)

CPC (source: EP)

H01P 1/2056 (2013.01); **H01P 7/04** (2013.01)

Citation (applicant)

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Citation (search report)

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