

Title (en)
HIGH FREQUENCY FILTER

Title (de)
HOCHFREQUENZFILTER

Title (fr)
FILTRE HAUTE FREQUENCE

Publication
EP 1812986 B1 20080123 (DE)

Application
EP 05795621 A 20051006

Priority
• EP 2005010781 W 20051006
• DE 102004055707 A 20041118

Abstract (en)
[origin: DE102004055707B3] The filter has an outer conductor housing with a housing bottom (1b) and a housing wall, where several resonators are provided in the outer conductor housing (1). The resonators include respective inner conductors that are electrically coupled with the housing bottom. Multiple slots are designed between a portion of internal conductor pipes (2) of adjacent resonators (R1, R2, R3, R4) in the housing bottom. An independent claim is also included for a method for tuning high frequency characteristics of a high frequency filter.

IPC 8 full level
H01P 1/205 (2006.01)

CPC (source: EP)
H01P 1/205 (2013.01); **H01P 1/2053** (2013.01); **H01P 11/007** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102004055707 B3 20060427; AT E385051 T1 20080215; CN 101076917 A 20071121; CN 101076917 B 20110831;
DE 502005002703 D1 20080313; EP 1812986 A1 20070801; EP 1812986 B1 20080123; ES 2299094 T3 20080516;
WO 2006053607 A1 20060526; WO 2006053607 A8 20070614

DOCDB simple family (application)
DE 102004055707 A 20041118; AT 05795621 T 20051006; CN 200580039346 A 20051006; DE 502005002703 T 20051006;
EP 05795621 A 20051006; EP 2005010781 W 20051006; ES 05795621 T 20051006