

Title (en)  
GENERIC CHANNEL FILTER

Title (de)  
GENERISCHES KANALFILTER

Title (fr)  
FILTRE DE GAINÉ GÉNÉRIQUE

Publication  
**EP 2991158 B1 20190320 (DE)**

Application  
**EP 15002377 A 20150810**

Priority  
DE 102014012752 A 20140827

Abstract (en)  
[origin: CA2901836A1] Provided is a channel filter (10) for a communication apparatus. The channel filter comprises the following elements: a first resonator (100), a coupling element (200) having a first longitudinal section (202) and a second longitudinal section (204) and a first adjusting element (400). The coupling element (200) is designed to couple the first resonator (100) at least indirectly with an input (12) or output (14) of the channel filter (10). The first longitudinal section (202) has a greater width than the second longitudinal section (204). The first adjusting element (400) is disposed at least partially in the first longitudinal section (202) and at least partially in the second longitudinal section (204).

IPC 8 full level  
**H01P 1/208** (2006.01); **H01P 5/04** (2006.01); **H01P 7/06** (2006.01)

CPC (source: EP US)  
**H01P 1/208** (2013.01 - EP US); **H01P 5/04** (2013.01 - EP US); **H01P 5/08** (2013.01 - US); **H01P 7/06** (2013.01 - EP US)

Citation (examination)

- US 2012007697 A1 20120112 - TIIHONEN MARKKU [FI]
- US 6232853 B1 20010515 - GOULOUEV ROUSSLAN [CA]

Cited by  
DE102017100714A1; US10686237B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2991158 A1 20160302; EP 2991158 B1 20190320**; CA 2901836 A1 20160227; DE 102014012752 A1 20160303; US 2016064790 A1 20160303; US 9887443 B2 20180206

DOCDB simple family (application)  
**EP 15002377 A 20150810**; CA 2901836 A 20150826; DE 102014012752 A 20140827; US 201514836134 A 20150826