

Title (en)

A resonator, a radio frequency filter, and a method of filtering

Title (de)

Resonator, Funkfrequenzfilter und Filterverfahren

Title (fr)

Résonateur, filtre de fréquence radio et procédé de filtrage

Publication

EP 3012901 A1 20160427 (EN)

Application

EP 14290315 A 20141021

Priority

EP 14290315 A 20141021

Abstract (en)

A resonator is provided comprising a resonant chamber, each chamber comprising a first wall, a second wall opposite the first wall, and side walls; in which the resonant chamber houses two resonator posts, the two resonator posts being separated by a gap and in proximity with each other for magnetic field coupling of the two posts; one of the two posts being grounded on the first wall so as to extend into the chamber from the first wall; the other of the two posts being grounded on the second wall so as to extend into the chamber from the second wall.

IPC 8 full level

H01P 7/10 (2006.01)

CPC (source: EP)

H01P 7/04 (2013.01); **H01P 7/10** (2013.01)

Citation (search report)

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- [X] EP 1575118 A1 20050914 - MA COM INC [US]
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Cited by

EP3285331A1; EP3301752A1; EP3333967A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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