

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 3035435 A1 20160622 (EN)

Application

EP 14290385 A 20141216

Priority

EP 14290385 A 20141216

Abstract (en)

A resonator is provided comprising a resonant chamber, the resonant chamber comprising a first wall, a second wall opposite the first wall, and side walls. The resonant chamber houses a resonator post which is grounded on the first wall so as to extend into the chamber. The resonator post has a cap at the end of the resonator post that is away from the first wall. The cap has at least one arm extending in a direction transverse to the longitudinal axis of the resonator post.

IPC 8 full level

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

CPC (source: EP)

H01P 1/2053 (2013.01); **H01P 7/04** (2013.01)

Citation (search report)

- [X] WO 0013256 A2 20000309 - ALLGON AB [SE], et al
- [X] US 2008157899 A1 20080703 - WEITZENBERGER WILHELM [DE]
- [X] WO 9930383 A2 19990617 - LK PRODUCTS OY [FI], et al
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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

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