

Title (en)  
Coaxial cavity resonator

Title (de)  
Koaxial-Hohlraumresonator

Title (fr)  
Résonateur à cavité coaxiale

Publication  
**EP 1903631 A1 20080326 (EN)**

Application  
**EP 07018585 A 20070921**

Priority  
IT MI20061803 A 20060922

Abstract (en)  
It is hereby disclosed a head (52) of a resonator element for a coaxial cavity resonator, formed of an electrically conductive material, and having an outer lateral surface (521), a top side (522) and a bottom side (523), characterized in that said head (52) defines by its shape at least one open cavity (8) formed in said bottom side (523).

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

CPC (source: EP)  
**H01P 7/04** (2013.01); **H01P 7/06** (2013.01)

Citation (search report)

- [X] WO 0002285 A1 20000113 - ERICSSON TELEFON AB L M [SE]
- [X] US 4437076 A 19840313 - MAKIMOTO MITSUO [JP], et al
- [X] WO 0013256 A2 20000309 - ALLGON AB [SE], et al
- [X] US 3480889 A 19691125 - KACH ALFRED
- [A] EP 0660437 A1 19950628 - MATSUSHITA ELECTRIC IND CO LTD [JP]

Cited by  
CN102608431A; CN112563703A; KR20160034747A; CN102623778A; EP2337149A1; KR20160004564A; US10644376B2; WO2023221596A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

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