

Title (en)  
MICROWAVE FREQUENCY WINDOW

Title (de)  
MIKROWELLENFENSTER

Title (fr)  
FENÊTRE HYPERFRÉQUENCE

Publication  
**EP 3166177 B1 20211103 (FR)**

Application  
**EP 16194650 A 20161019**

Priority  
FR 1502344 A 20151106

Abstract (en)  
[origin: US2017133734A1] An RF frequency window comprises a dielectric disc, a main metal skirt brazed all the way around the periphery of the dielectric disc and a surrounding prestressing ring in contact with the main metal skirt around the periphery of the dielectric disc and applying, in the rest state, over the whole of the periphery of the dielectric disc, a radial compressive stress directed towards the center of the dielectric disc, the prestressing ring comprising a set of at least one cooling channel in the longitudinal direction of the prestressing ring.

IPC 8 full level  
**H01P 1/08** (2006.01)

CPC (source: EP US)  
**H01P 1/042** (2013.01 - US); **H01P 1/08** (2013.01 - EP US); **H01P 1/30** (2013.01 - US); **H01P 3/12** (2013.01 - US); **H01P 11/00** (2013.01 - US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 3166177 A1 20170510; EP 3166177 B1 20211103**; FR 3043497 A1 20170512; FR 3043497 B1 20190510; JP 2017092954 A 20170525; JP 6873655 B2 20210519; US 10084221 B2 20180925; US 2017133734 A1 20170511

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**EP 16194650 A 20161019**; FR 1502344 A 20151106; JP 2016205681 A 20161020; US 201615338244 A 20161028