

Title (en)

MICROWAVE CABLE AND METHOD FOR PRODUCING AND USING SUCH A MICROWAVE CABLE

Title (de)

MIKROWELLENKABEL SOWIE VERFAHREN ZUM HERSTELLEN UND ANWENDUNG EINES SOLCHEN MIKROWELLENKABELS

Title (fr)

CÂBLE POUR MICRO-ONDES AINSI QUE PROCÉDÉ DE FABRICATION ET UTILISATION D'UN TEL CÂBLE POUR MICRO-ONDES

Publication

**EP 2912671 B1 20201202 (DE)**

Application

**EP 13777098 A 20131017**

Priority

- CH 21202012 A 20121026
- EP 2013071774 W 20131017

Abstract (en)

[origin: WO2014063994A1] A microwave cable (10), intended for a frequency range from 0 Hz up to at least a few 10 GHz, comprises a central inner conductor (11), a dielectric (12) concentrically surrounding the inner conductor, an outer conductor (13, 14) concentrically enclosing the dielectric (12), and a sheathing concentrically enclosing the microwave cable (10) externally. Stable electrical and mechanical properties, particularly when making up cables, are achieved in that the outer conductor has two electrically conducting bands (13, 14) wound over each other, in that the bands (13, 14) are each wound in an overlapping manner and in that the bands (13, 14) are wound progressively in opposite directions.

IPC 8 full level

**H01B 11/18** (2006.01); **H01B 3/30** (2006.01); **H01P 3/06** (2006.01); **H01P 11/00** (2006.01)

CPC (source: EP US)

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