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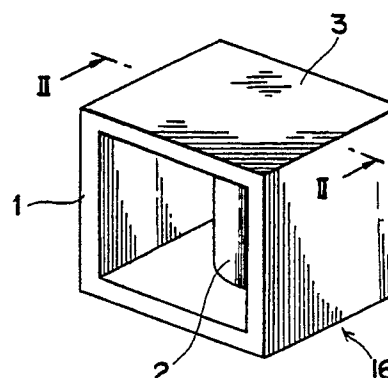
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54 Dielectric resonator and manufacturing method therefor.

57 A dielectric resonator (16) includes a cavity case (1) made of ceramic material and having top and bottom walls and one pair of side walls extending between the top and bottom walls to define a cylindrical cavity, a solid internal dielectric column (2) made of ceramic material and having its opposite ends monolithically connected to the top and bottom walls, and an electric conductive film (3) formed on the surface of the cavity case for carrying a real current.

Fig. 1



EP 0 352 628 A3



EP 89 11 3283

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|--|---|--|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.5) |
| X | FR-A-2534088 (MURATA MANUFACTURING CO LTD) * page 21, line 25 - page 25, line 9; figures 24-27 * | 1 | H01P7/10 H01P11/00 |
| Y | --- | 2 | |
| Y | 3rd IEEE/CHMT INTERNATIONAL ELECTRONIC MANUFACTURING TECHNOLOGY SYMPOSIUM, october 12-14, 1987, Anaheim, US; IEEE, New York, US, 1987 H. SATO et al.: "High dielectric constant ceramics applied to microwave resonators" pages 149-153 *page 149: "Experimental procedure"* | 2 | |
| A | US-A-4550089 (AYUSAWA ET AL.) * column 1, line 52 - column 2, line 2 * | 2 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl.5) |
| | | | H01P H03B |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 30 JULY 1990 | Examiner DEN OTTER A.M. |
| CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document | | | |