

Title (en)
CERAMIC MULTI-LAYER CAPACITOR BASED ON BATI(1-Y)ZRYO3

Title (de)
KERAMISCHER VIELSCHICHTKONDENSATOR BASIEREND AUF BATI(1-Y)ZRYO3

Title (fr)
CONDENSATEUR CÉRAMIQUE MULTICOUCHE À BASE DE BATI(1-Y)ZRYO3

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Application
EP 14758394 A 20140901

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Abstract (en)
[origin: WO2015049081A1] The invention concerns a ceramic multi-layer capacitor with a base member (1) with ceramic layers (2) and first and second electrode layers (3, 4) disposed therebetween, the ceramic layers (2) comprising a ceramic material based on BaTi_{1-y}Zr_yO₃ where $0 \leq y \leq 1$, displaying a temperature-dependent capacitance anomaly.

IPC 8 full level
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Citation (search report)
See references of WO 2015049081A1

Citation (examination)
• EP 2251313 A1 20101117 - NAT INST FOR MATERIALS SCIENCE [JP]
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• SANDEEP MAHAJAN ET AL: "Study of Structural and Electrical Properties of Conventional Furnace and Microwave-Sintered BaZr_{0.10}Ti_{0.90}O₃ Ceramics", JOURNAL OF THE AMERICAN CERAMIC SOCIETY., vol. 92, no. 2, 27 January 2009 (2009-01-27), US, pages 416 - 423, XP055382360, ISSN: 0002-7820, DOI: 10.1111/j.1551-2916.2008.02885.x
• WANG JINFEI ET AL: "High energy storage density performance of Ba, Sr-modified lead lanthanum zirconate titanate stannate antiferroelectric ceramics", MATERIALS RESEARCH BULLETIN, vol. 48, no. 10, 5 June 2013 (2013-06-05), pages 3847 - 3849, XP028692673, ISSN: 0025-5408, DOI: 10.1016/J.MATERRESBULL.2013.05.083
• JING ZHI ET AL: "Dielectric properties of Ba(Ti_{1-y}Y_y)O₃ ceramics", JOURNAL OF APPLIED PHYSICS, AMERICAN INSTITUTE OF PHYSICS, US, vol. 84, no. 2, 15 July 1998 (1998-07-15), pages 983 - 986, XP012045562, ISSN: 0021-8979, DOI: 10.1063/1.368164

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Designated extension state (EPC)
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