

Title (en)  
LEAD ZIRCONATE TITANATES AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
BLEIZIRKONATTITANATE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)  
ZIRCONATES TITANATES DE PLOMB ET PROCÉDÉ DE PRODUCTION ASSOCIÉ

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Application  
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Abstract (en)  
[origin: WO2010108988A1] The invention relates to piezoceramic compositions in the form of lead zirconate titanates (PZT), to a method for their production using fine-grained titanium dioxide particles, a fine-grained zirconium compound and a lead compound. The invention also relates to a piezoelectric component containing a lead zirconate titanate.

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Citation (search report)  
See references of WO 2010108988A1

Citation (examination)  
• EP 1690844 A1 20060816 - KYOCERA CORP [JP]  
• "Piezoelectric Ceramics", 1 January 1971, ISBN: 978-0-12-379550-2, article BERNARD JAFFE: "Piezoelectric Ceramics", pages: 154 - 160, XP055544108  
• NIAL J. DONNELLY ET AL: "Addition of a Sr, K, Nb (SKN) Combination to PZT(53/47) for High Strain Applications", JOURNAL OF THE AMERICAN CERAMIC SOCIETY., vol. 90, no. 2, 12 January 2007 (2007-01-12), US, pages 490 - 495, XP055543653, ISSN: 0002-7820, DOI: 10.1111/j.1551-2916.2006.01450.x

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