

Title (en)

HARD PZT CERAMIC, PIEZOELECTRIC MULTILAYER COMPONENT AND METHOD FOR PRODUCING A PIEZOELECTRIC MULTILAYER COMPONENT

Title (de)

HARTE PZT-KERAMIK, PIEZOELEKTRISCHES VIELSCHICHTBAUELEMENT UND VERFAHREN ZUR HERSTELLUNG EINES PIEZOELEKTRISCHEN VIELSCHICHTBAUELEMENTS

Title (fr)

CÉRAMIQUE PZT DURE, ÉLÉMENT DE CONSTRUCTION MULTICOUCHE PIÉZOÉLECTRIQUE ET PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE CONSTRUCTION MULTICOUCHE PIÉZOÉLECTRIQUE

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Application

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Abstract (en)

[origin: WO2019020265A1] The invention relates to a hard lead-zirconate-titanate (PZT) ceramic of general structure ABO_3 , which has A areas and B areas, wherein the PZT ceramic has a doping on the B areas with Mn and Nb with the ratio $Nb/Mn < 2$. The invention also relates to a piezoelectric multilayer component comprising such a PZT ceramic and to a method for producing a piezoelectric multilayer component.

IPC 8 full level

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CPC (source: EP US)

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