

Title (en)
CERAMIC COMPOSITION

Title (de)
KERAMISCHE ZUSAMMENSETZUNG

Title (fr)
COMPOSITION CÉRAMIQUE

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Application
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Abstract (en)
[origin: WO2013026742A1] The present invention relates to a ceramic composition for a plastic shaping process, which comprises at least one ceramic component, at least one binder component, at least one pore former component and in particular at least one dispersant component, where the composition comprises at least one organic compound as pore former component. The use of such a ceramic composition makes it possible to produce mechanically very stable ceramic components which additionally have good gas permeability. The present invention further relates to the use of a ceramic composition according to the invention for producing a ceramic component (1), in particular a gas-permeable electrode, using a plastic shaping process, where the plastic shaping process is, in particular, selected from the group consisting of extrusion processes, injection moulding processes, roller shaping processes and plate pressing processes.

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See references of WO 2013026742A1

Citation (examination)
JÜRGEN G HEINRICH ET AL: "Einführung in die Technologie der Keramik; Vorlesungsmanuskript", VORLESUNG W 7802; IM WINTERSEMESTER 2009/2010;., 1 September 2009 (2009-09-01), pages 1 - 211, XP055290816, Retrieved from the Internet <URL:http://www.ceramics-processing.com/fileadmin/ceramics/Einfuehrung_in_die_Technologie_der_Keramik.pdf> [retrieved on 20160725]

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