

Title (en)

HOLLOW CYLINDER OF CERAMIC MATERIAL, A METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF

Title (de)

HOHLZYLINDER AUS KERAMISCHEM MATERIAL, EIN VERFAHREN ZU SEINER HERSTELLUNG UND SEINE VERWENDUNG

Title (fr)

CYLINDRE CREUX EN MATÉRIAU CÉRAMIQUE, PROCÉDÉ POUR SA FABRICATION ET SON UTILISATION

Publication

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Application

EP 17788127 A 20171004

Priority

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- EP 2017075221 W 20171004

Abstract (en)

[origin: WO2018065465A1] A method for producing a round tube from a ceramic material or a glass-ceramic material or mixtures thereof is described. The method comprises introducing a silicate-ceramic, oxide-ceramic and/or non-oxide-ceramic material-forming agent into a melting vessel, which has along a longitudinal axis a tubular wall which defines a tubular cavity, wherein the melting vessel rotates about its longitudinal axis. A uniform layer of the ceramic and/or glass-ceramic material-forming agents is thereby formed, lying on the inner side of the wall, by means of centrifugal forces generated by rotation and is heated by means of a heat source arranged in the inner cavity of the melting vessel until at least the inner side of the layer of material-forming agents has melted. Such tubes can be used for various industrial purposes.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2018065465A1

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