

Title (en)

ELECTRICALLY HEATABLE HONEYCOMB BODY EXTRUDED FROM CERAMIC MATERIAL

Title (de)

ELEKTRISCH BEHEIZBARER, AUS KERAMISCHEM MATERIAL EXTRUDIRTER WABENKÖRPER

Title (fr)

CORPS EN NID D'ABEILLES EXTRUDÉ À PARTIR DE MATÉRIAU CÉRAMIQUE, À CHAUFFAGE ÉLECTRIQUE

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Application

EP 13774114 A 20131001

Priority

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Abstract (en)

[origin: WO2014053511A1] The present invention relates to a honeycomb body (4) made of ceramic material having channels (11) separated from one another by walls (10), an anterior end face (2), a posterior end face (3) and a lateral surface (4). A fluid can flow through the honeycomb body in a flow direction (S) from the anterior end face (2) to the posterior end face (3). The honeycomb body (4) is less electrically conductive in at least one first portion (5) than in at least one second portion (6), the portions (5, 6) lying one after another in the flow direction (S). Such a honeycomb body (4) is produced using a method according to which a honeycomb body (4) is produced by extruding poorly electrically conductive ceramic material, the honeycomb body (4) being treated after extrusion in at least one second portion (6, 7) such that the electrical conductivity in said second portion (6, 7) is increased, whereas it remains unchanged in at least one first portion (5), the portions (5, 6, 7) lying one after another in the flow direction (S).

IPC 8 full level

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Citation (search report)

See references of WO 2014053511A1

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