

Title (en)

LASER-SINTERED FILTER, METHOD FOR PRODUCING THE FILTER, AND METHOD FOR ENSURING FLUID FLOW

Title (de)

LASERGESINTERTER FILTER, VERFAHREN ZUM HERSTELLEN DES FILTERS SOWIE VERFAHREN ZUM FLÜSSIGKEITSTRANSPORT

Title (fr)

FILTRE FRITTÉ PAR LASER, PROCÉDÉ DE FABRICATION DE FILTRE AINSI QUE PROCÉDÉ DE TRANSPORT DU LIQUIDE

Publication

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Application

**EP 19765226 A 20190904**

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Abstract (en)

[origin: WO2020049020A2] The invention relates to a filter (1) for cleaning fluids, having a main part (2) consisting of polyethylene particles (3) that have been bonded to each other by means of a generative manufacturing process such as to obtain a predefined macro- and microstructure, the main part (2) having regions in which the porosity is deliberately adjusted to varying values. The invention also relates to a method for producing a filter (1), the filter being generatively manufactured by selective laser sintering of polyethylene particles (3). The invention finally relates to a method for ensuring fluid flow.

IPC 8 full level

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