

Title (en)

METHOD OF MANUFACTURE OF A FLUID DEVICE WITH A METAL FOAM

Title (de)

HERSTELLUNGSVERFAHREN EINER FLÜSSIGKEITSVORRICHTUNG MIT METALLSCHAUM

Title (fr)

PROCEDE DE REALISATION D'UN DISPOSITIF FLUIDIQUE A MOUSSE METALLIQUE

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Application

EP 16819612 A 20161207

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Abstract (en)

[origin: WO2017098141A1] The invention relates to a fluid device (1) comprising a housing (2) provided with a channel (3) defined by walls, one of which being a first main wall (10), the channel (3) extending between two openings, a so-called inlet (4A) and a so-called outlet (4B), and an open-pored porous medium in a metal material, a so-called metal foam (30), arranged in the channel (3) between said inlet (4A) and outlet (4B). The metal foam (30) and said first main wall (10) are made of a single component and consist of the same material, and the metal foam (30) has a random spatial distribution of the pores.

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