

Title (en)

DEVICE FOR FILTERING COMPONENTS OUT OF A FLUID

Title (de)

VORRICHTUNG ZUR FILTERUNG VON BESTANDTEILEN AUS EINEM FLUID

Title (fr)

DISPOSITIF DE FILTRATION D'UN FLUIDE PERMETTANT DE SÉPARER DES CONSTITUANTS

Publication

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Application

EP 20816416 A 20201124

Priority

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- EP 2020083223 W 20201124

Abstract (en)

[origin: WO2021110483A1] The invention relates to a device for separating components out of a fluid, the device comprising at least one, in particular elongate or tubular, filter module having a filter housing and a membrane element arranged therein, wherein the at least one filter module has a first end face and a second end face opposite the first end face, and wherein the filter module provides, for the at least one fluid flowing through the filter module, a capillary side and a sheath side for generating a capillary flow and a sheath flow in each of the filter modules. The device also comprises a first filter cap on the first end face of the at least one filter module, having a first chamber and a second chamber and at least one filter module receptacle, and comprises a second filter cap on the second end face, opposite the first end face, of the at least one filter module, having a further filter module receptacle. The first chamber of the first filter cap is connected to the capillary sides of the filter module, and the second chamber of the first filter cap is connected to the sheath sides of the filter modules, such that the capillary flows of the filter module(s) are mixed together in the first chamber and the sheath flows of the filter module(s) are mixed together in the second chamber.

IPC 8 full level

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Citation (search report)

See references of WO 2021110483A1

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