Title (en)

MICROFLUIDIC SYSTEMS FOR MULTIPLE BIOREACTORS AND APPLICATIONS OF SAME

Title (de)

MIKROFLUIDISCHE SYSTEME FÜR MEHRERE BIOREAKTOREN UND ANWENDUNGEN DAVON

Title (fr)

SYSTÈMES MICROFLUIDIQUES POUR BIORÉACTEURS MULTIPLES ET LEURS APPLICATIONS

Publication

EP 4182429 A1 20230524 (EN)

Application

EP 21841758 A 20210719

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Abstract (en)

[origin: WO2022016143A1] A fluidic system includes a fluid distribution network, and a fluid collection and sampling network; a plurality of fluidic modules fluidically coupled between the fluid distribution network and the fluid collection and sampling network in parallel; a systemic circulation and mixing reservoir; and a first pump, and a second pump, wherein the first pump is fluidically coupled between the systemic circulation and mixing reservoir and the fluid distribution network for withdrawing media from the systemic circulation and mixing reservoir and delivering the media to the fluid distribution network; and wherein the second pump is fluidically coupled between the fluid collection and sampling network and a sample vial for withdrawing effluent of the plurality of fluidic modules from the fluid collection and sampling network and delivering the effluent to one or more sample vials.

IPC 8 full level

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