

Title (en)

PERFUSABLE BIOREACTOR FOR THE PRODUCTION OF HUMAN OR ANIMAL TISSUES

Title (de)

PERFUNDIERBARER BIOREAKTOR ZUR HERSTELLUNG VON MENSCHLICHEN ODER TIERISCHEN GEWEBEN

Title (fr)

BIORÉACTEUR À PERFUSION POUR PRODUIRE DES TISSUS HUMAINS OU ANIMAUX

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Application

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Abstract (en)

[origin: WO2009118140A2] The invention relates to a perfusable bioreactor for the production of human or animal tissues or tissue equivalents, wherein their production is based on a construct cultivated in the interior, the interior being enclosed by an envelope and comprising at least one inlet and one outlet for a liquid nutrient medium. According to the invention, the bioreactor can be connected to a unit for producing a perfusion pressure of the nutrient medium. This tissue replacement serves is particularly suitable for use in clinical/therapeutical applications.

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