

Title (en)
TEMPERATURE-CONTROL ELEMENT FOR A MULTIWELL PLATE AND METHOD AND DEVICE FOR FREEZING AND/OR THAWING BIOLOGICAL SAMPLES

Title (de)
TEMPERIERKÖRPER FÜR EINE MULTIWELL-PLATTE UND VERFAHREN UND VORRICHTUNG ZUM EINFRIEREN UND/ODER AUFTAUEN VON BIOLOGISCHEN PROBEN

Title (fr)
CORPS DE RÉGULATION DE TEMPÉRATURE POUR PLAQUE MULTIPUITS ET PROCÉDÉ ET DISPOSITIF POUR CONGELER ET/OU DÉCONGELER DES ÉCHANTILLONS BIOLOGIQUES

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Application
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Abstract (en)
[origin: WO2016091344A2] The invention relates to a temperature-control element (4) for a multiwell plate (1), which comprises a plurality of cavities (2) arranged in rows and columns for freezing and/or thawing biological samples. The temperature-control element (4) comprises a base body (6) which is made of a thermally conductive material and is flown through by a temperature-control fluid; and a plurality of protruding temperature-control fingers (5) arranged in rows and columns on an upper side of the base body (6), which are connected in a thermally conductive manner to the base body (6), wherein a grid spacing of the temperature control fingers (5) corresponds to a grid spacing of the cavities (2) of the multiwell plate (1). The invention further relates to a device and method for freezing biological samples, in particular for cryopreservation, and/or thawing biological samples, in particular a cryopreserved sample.

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