

Title (en)
DEVICE FOR CARRYING OUT CHEMICAL OR BIOLOGICAL REACTIONS

Title (de)
VORRICHTUNG ZUR DURCHFÜHRUNG CHEMISCHER ODER BIOLOGISCHER REAKTIONEN

Title (fr)
DISPOSITIF POUR REALISER DES REACTIONS CHIMIQUES OU BIOLOGIQUES

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Abstract (en)
[origin: WO0124930A1] The invention relates to a device for carrying out chemical or biological reactions. Said device comprises a reaction vessel-receiving element for receiving a microtiter plate with a plurality of reaction vessels. The reaction vessel-receiving element is provided with a plurality of recesses that are arranged in a regular pattern and that receive the corresponding reaction vessels. The inventive device further comprises a heating element for heating the reaction vessel-receiving unit and a cooling element for cooling the reaction vessel-receiving unit. The inventive device is characterized in that the reaction vessel-receiving element is subdivided into several segments. The individual segments are thermally decoupled from one another. Every segment is provided with a heating element that is controlled independent of the other heating elements.

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