

Title (en)

PLATE WITH A PLURALITY OF WELLS FOR HOLDING CHEMICAL AND/OR BIOCHEMICAL AND/OR MICROBIOLOGICAL SUBSTANCES.

Title (de)

PLATTE MIT EINER MEHRZAHL VON MULDEN ZUR AUFNAHME VON CHEMISCHEN UND/ODER BIOCHEMISCHEN UND/ODER MIKROBIOLOGISCHEN SUBSTANZEN.

Title (fr)

PLAQUE COMPORTANT PLUSIEURS Puits DESTINE A RECEVOIR DES SUBSTANCES CHIMIQUES ET/OU BIOCHIMIQUES ET/OU MICROBIOLOGIQUES.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9201513A1] Disclosed is a plate (2) with at least one well (11) designed to hold chemical and/or biochemical and/or microbiological substances. The well has an interior space delimited by its inside surface, plus a wall. The outside surface (28), remote from the inside surface, of the wall includes a heat-exchange surface (28') at least part of which can be brought into thermal contact with a temperature-equilibrating agent. The plate (2) is characterized in that the at least one well (11) has a heat-transmission coefficient which is greater than $5 \times 10^{-4} \text{ W/(K mm}^2\text{)}$. The heat-transmission coefficient is given by the formula: $(A \cdot \text{\$g(l)})/(V \cdot x)$, in which A is the area of the heat-exchange surface (28'), \\$g(l) is the thermal conductivity of the wall material, V is the internal volume of the well (1) and x is the wall thickness, taken as the distance between the heat-exchange surface (28') and the inside surface of the well. W represents the heat-transmission coefficient.

IPC 1-7

B01L 3/00; B01L 7/00; B29C 51/10; C12Q 1/68

IPC 8 full level

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