

Title (en)
METHOD AND APPARATUS FOR REACTION LOADING

Title (de)
VERFAHREN UND VORRICHTUNG ZUR REAKTIONSBELASTUNG

Title (fr)
PROCÉDÉ ET DISPOSITIF D'ESSAI RÉACTIONNEL

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Application
EP 16820174 A 20161207

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Abstract (en)
[origin: WO2017097867A1] The invention relates to a method and an apparatus (1, 100) for reaction loading of at least one sample (2), comprising a loading chamber (4), having a chamber air, for the sample (2), comprising at least one first and second saturated saline solution (6, 7, 8) having different compositions, comprising a switching device (9), according to the switching position of which the loading chamber (4) is operatively connected to the first or second saline solution (6, 7, 8) to adjust the air humidity (ϕ) of the chamber air in the loading chamber (4) to the characteristic relative air humidity (60, 70, 80) via the respective saline solution (6, 7, 8), and comprising a device (10) for influencing the humidity profile ($\phi(t)$) when the air humidity (ϕ) of the chamber air in the loading chamber (4) is adapted to the characteristic relative air humidity (60, 70, 80) via the saline solution (6, 7, 8). In order to guarantee a reaction loading of the sample (2) with a precise humidity profile, it is proposed that, in addition to the respective salt solution (6, 7, 8), the device (10) for influencing the humidity profile $\phi(t)$ has an air humidifier and/or an air dehumidifier (12) affecting the air humidity (ϕ) of the chamber air.

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