

Title (en)

METHOD FOR AUTOMATICALLY LOADING A CENTRIFUGE WITH SPECIMEN CONTAINERS

Title (de)

VERFAHREN ZUM AUTOMATISCHEN BELADEN EINER ZENTRIFUGE MIT PROBENBEHÄLTERN

Title (fr)

PROCÉDÉ DE CHARGEMENT AUTOMATIQUE D'UNE CENTRIFUGEUSE COMPRENANT DES CONTENANTS D'ÉCHANTILLONS

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Application

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Abstract (en)

[origin: WO2013060725A1] The invention relates to a method for automatically loading a swinging bucket centrifuge with specimen containers, wherein the swinging bucket centrifuge is designed to receive a centrifuge carrier having a plurality of receiving pockets arranged in a predetermined receiving pocket pattern, and wherein the method comprises: providing a plurality of specimen containers filled respectively with specimens; loading the respective specimen containers (100) into a storage device; determining an individual weight for each specimen container loaded into the storage device; determining an arrangement pattern of selected specimen containers in the at least one centrifuge carrier on the basis of the individual weights of the specimen containers and the receiving pocket pattern and in such a manner that the moved masses of the specimen containers filled with specimens in the at least one centrifuge carrier are balanced during centrifugation; loading the specimen containers selected for the arrangement pattern from the storage device into the receiving pockets of the at least one centrifuge carrier, and loading the centrifuge carrier into the centrifuge. The invention is characterized in that the centrifuge carrier is inserted into a swinging bucket, wherein the arrangement pattern for the specimen containers is defined in such a manner that the centre of gravity of the moved masses during centrifugation lies on the centrifuge axis when the centrifuge containers are swung outward.

IPC 8 full level

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