

Title (en)

A FURNACE FOR PREPARING FUSED (HOMOGENISED) SAMPLES FOR SAMPLE ANALYSIS

Title (de)

OFEN ZUR HERSTELLUNG KONDENSIERTER (HOMOGENISIERTER) PROBEN ZUR PROBENANALYSE

Title (fr)

FOUR POUR PRÉPARER DES ÉCHANTILLONS FONDUS (HOMOGÉNÉISÉS) EN VUE D'UNE ANALYSE D'ÉCHANTILLON

Publication

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Application

EP 13873188 A 20130131

Priority

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Abstract (en)

[origin: WO2014117202A1] The present disclosure provides a furnace and a method for preparing fused (homogenised) samples for sample analysis. The furnace comprises a housing and a heater arranged for heating an interior portion of the housing to a temperature sufficient for causing melting of the samples. The furnace also comprises a carousel that is positioned in the housing. The carousel has a plurality of receiving stations for receiving crucibles containing respective samples and is arranged for rotating the crucibles about an axis when the crucibles are positioned in respective receiving stations. The furnace also comprises a mechanism for moving the crucibles relative to the respective receiving stations and relative to the housing to load and unload the carousel.

IPC 8 full level

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