

Title (en)
PROCESS OF PARALLEL SAMPLE PREPARATION

Title (de)
VERFAHREN ZUR PARALLELEN VORBEREITUNG VON MEHREREN PROBEN

Title (fr)
PROCEDE DE PREPARATION D'ECHANTILLONS EN PARALLELE

Publication
EP 1319175 A2 20030618 (EN)

Application
EP 01957160 A 20010717

Priority
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• US 21877700 P 20000718

Abstract (en)
[origin: WO0206792A2] A process of forming an array of powder samples arranged in predefined locations where all samples have a flat surface in a common plane has been developed. A main support having at least N perforations from a first surface of the main support through a second surface of the main support in predefined locations, where N is the number of samples in the array is provided. The main support is equipped with a flat support temporarily attached to its first surface. All N samples are loaded simultaneously with sample X in perforation X of the main support where X is an integer from 1 to N. A flat surface of each sample where the flat surfaces are a common plane is formed by forcing the samples within the perforations against the flat support. The samples are retained in position within the perforations against the flat support, and are made ready for analysis by exposing the flat surfaces of the samples by removing the flat support. The exposed flat surfaces of the samples are in predefined locations and are all in a common plane. Alternatively, the flat support may be permanently attached to the main support.

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Citation (search report)
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