

Title (en)
METHOD AND APPARATUS FOR SAMPLE DEPOSITION

Title (de)
VERFAHREN UND VORRICHTUNG ZUR PROBENABLAGE

Title (fr)
PROCEDE ET DISPOSITIF POUR DEPOT D'ECHANTILLONS

Publication
EP 1853906 A4 20100317 (EN)

Application
EP 06705124 A 20060208

Priority

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Abstract (en)
[origin: WO2006084354A1] A method and apparatus is disclosed to prepare a sample or a plurality of samples for subsequent analysis. A single sample deposition apparatus, and a multiplexed sample deposition apparatus are shown. The apparatus allows for a system that can provide a high throughput deposition of samples to form chromatograms by discrete droplet deposition or as continuous traces. The system can achieve high resolution digitization by pulsing the fluid emanating from the chromatographs by applying a voltage to the target plate that operates at frequencies equal to or greater than about 10 Hz, and up to and including about 1 KHz. The system also allows for analogue recording (i.e., approaching infinite resolution) by nebulizing the fluid coming from multiple columns and simultaneously collecting it on a target plate as a continuous trace.

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Citation (search report)

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- [Y] WO 03037515 A1 20030508 - PERSEPTIVE BIOSYSTEMS INC [US]
- [Y] US 5162650 A 19921110 - BIER MARK E [US]
- [Y] US 2003034450 A1 20030220 - KARGER BARRY L [US], et al
- See references of WO 2006084354A1

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