

Title (en)  
DEVICE AND METHOD FOR TREATING A SAMPLE BY OVERPRESSURED LAYER CHROMATOGRAPHY A STATIONARY PHASE, UNDER CONTROLLED FORCED FLOW

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR BEHANDLUNG EINER PROBE DURCH ÜBERDRUCK-SCHICHT-CHROMATOGRAPHIE IN EINER STATIONÄREN PHASE, UNTER KONTROLLIERTEM ERZWUNGENEN DURCHFLUSS

Title (fr)  
DISPOSITIF ET PROCEDE DE TRAITEMENT D'UN ECHANTILLON PAR SEPARATION SUR UNE PHASE STATIONNAIRE, SOUS FLUX FORCE CONTR LE

Publication  
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Application  
**EP 01903867 A 20010103**

Priority  
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Abstract (en)  
[origin: FR2803220A1] The invention concerns a device for overpressured layer chromatography treatment of a sample comprising a chamber (1) housing a stationary phase (2) provided in a first site (6) with a sample to be treated, means for externally pressurising (8) a top surface (5) of the stationary phase, means for dispensing (10) a mobile phase in a second site (7) of the stationary phase, a mobile phase supply intake (13), and an outlet (18) for discharging the mobile phase outside the chamber. The device further comprises means (23) for feeding the intake (13) with mobile phase, a sensor (29) for measuring the pressure of the mobile phase upstream of the intake, a valve (31) arranged downstream of the outlet for varying the mobile phase flow rate at the chamber outlet, and a module (25) for controlling the valve on the basis of a comparison between the measured pressure and a selected threshold pressure, the valve (31) being open when the measured pressure is not less than the threshold pressure.

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IPC 8 full level  
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