

Title (en)

METHOD FOR PRODUCING A CHROMATOGRAPHY-ENRICHMENT COLUMN

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER CHROMATOGRAPHIEANREICHERUNGSSÄULE

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE COLONNE D'ENRICHISSEMENT DE CHROMATOGRAPHIE

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Application

EP 13759017 A 20130702

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Abstract (en)

[origin: WO2014013370A1] The invention concerns a method for producing a chromatography-enrichment column, the method comprising the following steps: (a) depositing at least one layer of desired particles, which may be identical or different, and are intended to constitute the stationary phase, in a compact assembly, on the flat surface of a substrate; (b) crosslinking the layer in at least the regions corresponding to the desired shape of the enrichment column to be obtained; (c) impregnating the layer with a light radiation-sensitive material; (d) insulating the layer obtained in step (c) so as to form insulated regions of which the shape corresponds to the desired internal shape of the enrichment column, if the light radiation-sensitive material behaves like a positive resin or to form non-insulated regions of which the shape corresponds to the desired internal shape of the enrichment column if the light radiation-sensitive material behaves like negative resin; and (e) eliminating the light radiation-sensitive material in the zones corresponding to the internal shape of the enrichment column. The invention is used in particular in the field of chemical analysis.

IPC 8 full level

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