

Title (en)

PROCESS AND DEVICE FOR SELECTIVELY EXTRACTING COMPONENTS FROM COMPLEX MIXTURES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR GEZIELTEN ENTNAHME VON KOMPONENTEN AUS KOMPLEXEN MISCHUNGEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT D'EXTRAIRE DE MANIERE SELECTIVE DES CONSTITUANTS CONTENUS DANS DES MELANGES COMPLEXES

Publication

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Application

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Abstract (en)

[origin: WO9535492A2] The process of the invention facilitates the selective extraction of one or a few molecularly dispersed or cellular components of a system, like molecules, molecule complexes, vesicles, micells, cells, possibly with a relevant volume element V of size $10^{-9} > 1 \geq 10^{-18}$ 1, from a larger sample volume. The required component is selectively transferred to another environment by setting the place and time of the extraction by means of a signal correlating the small component to be extracted. The process is particularly suitable for the extraction of rare components, the existence of which can be detected in a previous stage by means of a scanning process. The process is also suitable for the extraction of unidentified components.

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G01N 15/10

IPC 8 full level

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