

Title (en)

METHOD AND DEVICE FOR CONCENTRATING SELECTED GROUPS OF MICROORGANISMS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUFKONZENTRATION AUSGEWÄHLTER GRUPPEN VON MIKROORGANISMEN

Title (fr)

PROCEDE ET DISPOSITIF DE CONCENTRATION DE GROUPES SELECTIONNES DE MICRO-ORGANISMES

Publication

**EP 1117476 A4 20070822 (EN)**

Application

**EP 99941184 A 19990823**

Priority

- US 9918618 W 19990823
- US 9762798 P 19980824

Abstract (en)

[origin: WO0010702A1] A method and device are described to concentrate target organisms from a mixture of organisms. Beads (1) made of material such as nylon, polystyrene or glass are coated with antibodies of specific microorganisms. The beads (1) are contained in an enclosure (2) surrounded by grid material (4). The pore size of the grid is smaller than the size of the beads, to assure that the beads stay within the grid material and larger than the size of the microorganisms to allow the interaction of the microorganisms with the beads. A rod (5) is attached to the upper part of the enclosure (2) allowing the agitation of the device inside the growth medium containing the target organisms.

IPC 1-7

**B01J 8/18**; **F27B 15/00**; **F27B 15/08**

IPC 8 full level

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Citation (search report)

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DOCDB simple family (publication)

**WO 0010702 A1 20000302**; AU 5488699 A 20000314; AU 773645 B2 20040527; CA 2342108 A1 20000302; CN 1320060 A 20011031; EP 1117476 A1 20010725; EP 1117476 A4 20070822; MX PA01001873 A 20020902

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