Title (en)

HIGH RESOLUTION SYSTEMS, KITS, APPARATUS, AND METHODS USING MAGNETIC BEADS FOR HIGH THROUGHPUT MICROBIOLOGY APPLICATIONS

Title (de)

HOCHAUFLÖSENDE SYSTEME, KITS, VORRICHTUNG UND VERFAHREN UNTER VERWENDUNG MAGNETISCHER KÜGELCHEN FÜR MIKROBIOLOGISCHE ANWENDUNGEN MIT HOHEM DURCHSATZ

Title (fr)

SYSTÈMES À HAUTE RÉSOLUTION, KITS, APPAREIL ET PROCÉDÉS UTILISANT DES BILLES MAGNÉTIQUES POUR DES APPLICATIONS DE MICROBIOLOGIE À HAUT DÉBIT

Publication

EP 3478416 A1 20190508 (EN)

Application

EP 17821035 A 20170627

Priority

- US 201662357142 P 20160630
- US 2017039346 W 20170627

Abstract (en)

[origin: WO2018005391A1] A method of transferring material from a first microfabricated device to a second microfabricated device. At least one magnetic bead is loaded into at least one microwell of the first microfabricated device, where a plurality of cells are cultivated. The second microfabricated device is positioned such that the at least one microwell of the first array of microwells is aligned with at least one microwell of the second array of microwells. A magnetic field is applied so as to move the at least one magnetic bead contained in the at least one microwell of the first microfabricated device into the at least one microwell of the second microfabricated device. In this manner, at least one cell from the plurality of cells in the at least one microwell of the first microfabricated device is transferred to the at least one microwell of the second microfabricated device.

IPC 8 full level

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