

Title (en)  
MICROFLUIDIC SYSTEM FOR THE ISOLATION OF PARTICLES

Title (de)  
MIKROFLUIDSYSTEM FÜR DIE ISOLIERUNG VON TEILCHEN

Title (fr)  
SYSTÈME MICROFLUIDIQUE D'ISOLEMENT DE PARTICULES

Publication  
**EP 2408560 B1 20210623 (EN)**

Application  
**EP 10716034 A 20100317**

Priority  
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Abstract (en)  
[origin: WO2010106428A2] A microfluidic system (1) for the isolation of cells (C1) of at least one given type from a sample; the system (1) comprises a separation unit (3), - for transferring at least part of the cells (C1) of the given type from a main chamber (4) to a recovery chamber (5) in a substantially selective way with respect to further cells (C2) of the sample; two valves (9, 10) are set upstream and downstream of the main chamber (4); two valves (11, 12) are set upstream and downstream of the recovery chamber (5); a control assembly (23) is designed to govern the aforementioned valves (9, 10, 11, 12); the system (1) proposed enables isolation of the cells with a high degree of reproducibility and precision.

IPC 8 full level  
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CPC (source: EP)  
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Citation (examination)  
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