

Title (en)

MICROSCREEN FOR FILTERING PARTICLES IN MICROFLUIDICS APPLICATIONS AND PRODUCTION THEREOF

Title (de)

MIKROSIEB ZUR FILTERUNG VON PARTIKELN IN MIKROFLUIDIK-ANWENDUNGEN UND DESSEN HERSTELLUNG

Title (fr)

MICROTAMIS POUR LA FILTRATION DE PARTICULES DANS DES APPLICATIONS MICROFLUIDES, ET SA FABRICATION

Publication

**EP 2063981 A1 20090603 (DE)**

Application

**EP 07787543 A 20070713**

Priority

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Abstract (en)

[origin: WO2008028717A1] A microscreen (1) is proposed for filtering particles in microfluidics applications, and a production process thereof. The microscreen (1) comprises an Si substrate (3) which has been p-doped at least in some regions and has a cutout, a macroporous membrane (15) connected to the Si substrate (3) via n-doped regions (5a, 5b), wherein the cutout of the Si substrate (3) is arranged directly below the membrane (15) to form a cavity (20).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2008028717A1

Citation (examination)

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