

Title (en)

METHOD OF CHEMICAL TREATMENT OF POROUS SILICON SURFACES

Title (de)

VERFAHREN ZUR CHEMISCHEN BEHANDLUNG VON PORÖSEN SILICIUMOBERFLÄCHEN

Title (fr)

PROCÉDÉ DE TRAITEMENT CHIMIQUE DE SURFACES DE SILICIUM POREUSES

Publication

EP 2185480 A1 20100519 (EN)

Application

EP 08794883 A 20080730

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Abstract (en)

[origin: WO2009048494A1] A method which renders the 3D surface of the insides of the pores of a porous silicon biochip appropriate for conducting studies on biomolecule interactions without labels. The method comprises: converting the Si-H surfaces to silica surfaces; silanizing the silica surface to produce silane surfaces; and coating the silane surface with an Intermediate moiety to minimize non specific binding.

IPC 8 full level

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CPC (source: EP)

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