

Title (en)

IMMOBILIZATION LAYER FOR BIOSENSORS

Title (de)

IMMOBILISIERUNGSSCHICHT FÜR BIOSENSOREN

Title (fr)

COUCHE D'IMMOBILISATION POUR DES BIOCAPTEURS

Publication

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Application

**EP 03753578 A 20030717**

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Abstract (en)

[origin: WO2004009677A1] The invention relates to an immobilization layer for biosensors, produced from a polyorganosiloxane while adding reaction cross-linkers/reaction mediators on a supporting material. The polyorganosiloxane corresponds to the following general structure (I), wherein the following applies: E represents an epoxy-functional radical having 4 to 20 C atoms; Z represents a (photo)polymerizable radical having 8 to 40 C atoms; H represents a hydrophilic radical; R<1> represents a low alkyl group preferably having 1 to 4 C atoms; R<2> represents R<1> or H, and; m + n + o + p + r = 50 to 200 and is equal to L.

IPC 1-7

**C08G 77/46**; **C12Q 1/00**; **C08G 77/38**

IPC 8 full level

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