

Title (en)

REACTIVE SURFACES, SUBSTRATES AND METHODS FOR PRODUCING AND USING SAME

Title (de)

REAKTIVE OBERFLÄCHEN, SUBSTRATE UND VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG DAVON

Title (fr)

SURFACES RÉACTIVES, SUBSTRATS ET PROCÉDÉS DE PRODUCTION ET D'UTILISATION CORRESPONDANTS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007041394A2] Reactive surfaces, substrates and methods of producing and using such substrates and surfaces are provided. The substrates and surfaces provide low density reactive groups preferably on an otherwise non-reactive surface for use in different applications including single molecule analyses.

IPC 8 full level

C07K 17/14 (2006.01); **C12M 1/00** (2006.01); **C12N 11/14** (2006.01); **G01N 33/552** (2006.01)

CPC (source: EP)

G01N 33/54353 (2013.01); **G01N 33/552** (2013.01)

Citation (search report)

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- [A] SOFIA S J ET AL: "POLY(ETHYLENE OXIDE) GRAFTED TO SILICON SURFACES: GRAFTING DENSITY AND PROTEIN ADSORPTION", MACROMOLECULES, ACS, WASHINGTON, DC, US, vol. 31, 1 January 1998 (1998-01-01), pages 5059 - 5070, XP002928817, ISSN: 0024-9297
- [A] CHA TAEWOON ET AL: "Immobilization of oriented protein molecules on poly(ethylene glycol)-coated Si(111).", PROTEOMICS JUL 2004, vol. 4, no. 7, July 2004 (2004-07-01), pages 1965 - 1976, XP002542826, ISSN: 1615-9853
- See references of WO 2007041394A2

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