

Title (en)

Membranes suited for immobilizing biomolecules

Title (de)

Membranen zur Immobilisierung von Biomolekülen

Title (fr)

Membranes adaptées pour immobiliser des biomolécules

Publication

**EP 2103352 A1 20090923 (EN)**

Application

**EP 08152910 A 20080318**

Priority

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Abstract (en)

The present invention relates to flow-through membranes suitable for the immobilization of biomolecules, methods for the preparation of such membranes and the use of such membranes for the immobilization of biomolecules and subsequent detection of immobilized biomolecules. The invention concerns a flow-through membrane for the immobilization of biomolecules on spots on said membrane, comprising polymeric material and an internal support, wherein said membrane has pores and wherein the spots of the membrane are separated by said internal support.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- WO 03102585 A2 20031211 - PAMGENE BV [NL], et al
- BIRD R. E. ET AL., SCIENCE, vol. 242, 1988, pages 423 - 6
- HOLLIGER P. ET AL., PROC. NATL. ACAD. SCI. U.S.A., vol. 90, 1993, pages 6444 - 8

Citation (search report)

- [XY] WO 2006116327 A1 20061102 - CALIFORNIA INST OF TECHN [US], et al
- [A] US 6622872 B1 20030923 - TAI YU-CHONG [US], et al
- [A] US 2006252044 A1 20061109 - OKUMURA KATSUYA [JP], et al
- [A] US 5753014 A 19980519 - VAN RIJN CORNELIS JOHANNES MAR [NL]
- [A] US 2007160474 A1 20070712 - IIDA KAZUHIRO [JP]
- [Y] JP H01167880 A 19890703 - DAINIPPON INK & CHEMICALS

Cited by

EP2532754A1; WO2012168812A1

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