

Title (en)

System for processing and/or analyzing liquid samples, sealing arrangement and method for heat-sealing a microplate

Title (de)

System zur Verarbeitung und/oder Analyse flüssiger Proben, Versiegelungsanordnung und Verfahren zum Heißsiegeln einer Mikroplatte

Title (fr)

Système de traitement et/ou d'analyse d'échantillons liquides, agencement de fermeture et procédé pour thermosceller une plaque

Publication

EP 2446967 A1 20120502 (EN)

Application

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Priority

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Abstract (en)

The present invention pertains to a system for processing involving pipetting and/or analyzing liquid samples comprising a sealing arrangement for heat-sealing a microplate (28) having an upper face provided with a plurality of open-top wells (5), comprising a pressing element (8) provided with a pressing face for pressing a thermally fixable sealing cover (9) for sealing said wells on said microplate and a plurality of heat releasing sections (12) located in a manner to release heat to said microplate-pressed sealing cover except for foil regions covering openings of said wells. It further relates to a method for heat-sealing a microplate provided with a plurality of wells, comprising the following steps of: disposing a thermally fixable sealing cover over said wells; pressing said sealing cover on said microplate by means of a pressing element; and releasing heat to said sealing cover except for regions covering openings of said wells so as to thermally fix said sealing cover to said microplate.

IPC 8 full level

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Citation (applicant)

US 7037580 B2 20060502 - RAZAVI ALI [US], et al

Citation (search report)

- [XYI] WO 9523026 A1 19950831 - IDEXX LAB INC [US], et al
- [Y] US 2007125046 A1 20070607 - SIEGEL TODD [US], et al
- [A] WO 0158591 A2 20010816 - CYBIO INSTR GMBH [DE], et al
- [A] GB 2461182 A 20091230 - KBIOSCIENCES LTD [GB]
- [A] US 4444310 A 19840424 - ODELL ROBERT [US]

Designated contracting state (EPC)

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