

Title (en)  
MATRIX CARTRIDGE FOR MALDI

Title (de)  
MATRIX-KARTUSCHE FÜR MALDI

Title (fr)  
CARTOUCHE DE MATRICE POUR MALDI

Publication  
**EP 3618097 A1 20200304 (EN)**

Application  
**EP 18192007 A 20180831**

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Abstract (en)  
The present invention relates to a matrix cartridge for MALDI comprising a base layer coated with a film layer of matrix material preferably having a uniform thickness. The invention also relates to a process for making the matrix cartridge. The matrix cartridge can be used in a sublimator to coat a substrate with a biological sample with a layer of matrix material.

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Citation (applicant)  
US 2016035553 A1 20160204 - OGATA KORETSUGU [JP], et al

Citation (search report)  
• [X1] US 6071610 A 20000606 - JARRELL JOSEPH A [US], et al  
• [X1] MICHAEL J. ROTH ET AL: "Thin-Layer Matrix Sublimation with Vapor-Sorption Induced Co-Crystallization for Sensitive and Reproducible SAMDI-TOF MS Analysis of Protein Biosensors", JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY., vol. 23, no. 10, 31 July 2012 (2012-07-31), US, pages 1661 - 1669, XP055228007, ISSN: 1044-0305, DOI: 10.1007/s13361-012-0442-7  
• [AD] JOSEPH A. HANKIN ET AL: "Sublimation as a method of matrix application for mass spectrometric imaging", JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY., vol. 18, no. 9, 1 September 2007 (2007-09-01), US, pages 1646 - 1652, XP055548187, ISSN: 1044-0305, DOI: 10.1016/j.jasms.2007.06.010

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