

Title (en)

SAMPLE VIAL AND METHOD FOR DELIVERY OF FLUID SAMPLE TO ANALYTICAL INSTRUMENTS

Title (de)

PROBENFLÄSCHCHEN UND VERFAHREN ZUR ABGABE EINER FLÜSSIGEN PROBE AN ANALYSEGERÄTE

Title (fr)

FLACON D'ÉCHANTILLONS ET PROCÉDÉ POUR L'APPORT D'ÉCHANTILLON DE FLUIDE À DES INSTRUMENTS D'ANALYSE

Publication

EP 3984641 A1 20220420 (EN)

Application

EP 20306219 A 20201016

Priority

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Abstract (en)

A sample vial for delivery of fluid sample to a flow cytometer includes a fluid-containment cavity with a tapered portion in which the cavity cross-section tapers in a distal direction toward the bottom of the cavity, and the sample vial has a ribbed exterior portion with longitudinally extending ribs and recesses between the ribs. An array of the sample vials can be retained in receptacles of a processing tray and are limited in rotation relative to the tray by a rotational stop feature in the receptacles that engages with the ribbed exterior portion.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X1] US 2014364296 A1 20141211 - MONESMITH TAMARA TATROE [US], et al
- [X1] US 2019366328 A1 20191205 - WANG ZHAOQIANG [CN]
- [X1] US 2010120133 A1 20100513 - WALSH JOHN [US], et al
- [X1] WO 2010132829 A2 20101118 - BIO MERIEUX INC [US], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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