

Title (en)

MEANS AND METHOD FOR WASHING REACTION VESSELS

Title (de)

MITTEL UND METHODE ZUM SPÜLEN VON REAKTIONSGEFÄSSEN

Title (fr)

MOYENS ET PROCEDES DE NETTOYAGE DE RECIPIENTS DE REACTION

Publication

**EP 0852724 A4 19981125 (EN)**

Application

**EP 96935889 A 19960920**

Priority

- US 9615132 W 19960920
- US 408195 P 19950921

Abstract (en)

[origin: WO9711375A1] A method and apparatus for effectively and reproducibly washing vessels in automated chemical analyzers is provided. A vessel washing station (10) having a driver (25) for rotating a vessel (22) about its axis and a probe (40) adapted to dispense a wash fluid into the vessel (22). The probe (40) includes an elongated tube which may have a closed bottom end and one or more ports arranged to dispense fluid downwardly and generally radially outwardly from the probe (40) to impinge on the inner wall of the vessel (22) as it is rotated by the driver (25). The probe (40) may also be adapted to aspirate fluid from the vessel (22) at the end of the wash cycle to remove waste fluid therefrom.

IPC 1-7

**G01N 35/10**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] EP 0644426 A1 19950322 - HOFFMANN LA ROCHE [CH]
- [A] WO 9116979 A2 19911114 - SOURCE SCIENT SYSTEMS INC [US]
- [A] US 4085474 A 19780425 - MURPHY HERBERT R
- [A] US 3994310 A 19761130 - BRANDON JOHN H
- See references of WO 9711375A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

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