

Title (en)

SYSTEMS FOR CONDUCTING MULTIPLE ANALYTICAL PROCEDURES USING A CENTRAL PROCESSING HUB.

Title (de)

SYSTEM ZUR DURCHFÜHRUNG VERSCHIEDENER ANALYTISCHER VERFAHREN MIT EINER ZENTRALEN BEHANDLUNGSNABE.

Title (fr)

SYSTEMES PERMETTANT D'EFFECTUER DES PROCEDURES ANALYTIQUES MULTIPLES A L'AIDE D'UN MOYEU DE TRAITEMENT CENTRAL.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9312430A1] Systems for conducting analytical procedures include multiple work stations (22 to 36) that are each individually accessible through a common processing hub (100). A shuttle mechanism operates within the common processing hub (100) for conveying materials to and from the work stations (22 to 36) through their associated hub accesses. The common hub (100) creates a compact operating zone in which access to the processing stations (22 to 36) can be arranged at different arcuate positions, as well as vertically stacked one above the other, thereby providing a processing module with a relatively small "footprint". The systems are capable of sequentially transporting a number of test carriers (12) in nonlinear, discontinuous paths among the various processing stations (22 to 36) to thereby perform different prescribed processing tasks upon different carriers (12) at the same time.

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Citation (search report)

- [XY] EP 0429030 A2 19910529 - BEHRINGWERKE AG [DE]
- [Y] EP 0171140 A2 19860212 - UNIV TOKYO [JP]
- [Y] EP 0051496 A1 19820512 - OLYMPUS OPTICAL CO [JP]
- [A] WO 9101365 A1 19910207 - ONCOGENE SCIENCE INC [US]
- See references of WO 9312430A1

Designated contracting state (EPC)

DE FR GB IT

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