

Title (en)
RACK FOR SAMPLE CONTAINERS

Publication
EP 0365828 A3 19910130 (DE)

Application
EP 89117451 A 19890921

Priority
DE 8813340 U 19881024

Abstract (en)
[origin: US5098663A] A specimen rack for specimen containers such as test tubes composed of M structurally identical holders for linearly receiving N specimen containers at a time as well as a stand for receiving the M holders, which stand has vertical side parts, so that a plurality of holders can be mounted on the stand parallel to one another and affixed there by means of a detent connection. With this modularly designed specimen rack, the stand enables secure holding of multiple containers, while contrarily the holders, in which the specimen containers can remain during all the stages of the procedure, may be an inexpensive disposable plastic part the purpose of which is merely the linear, spatial association of a number of specimen containers, and which after the measurement is ended can optionally be discarded along with the specimen containers. Because of the minimal design of such a holder, any disposal problems are also slight. The specimen containers can be inserted into the holders at the outset and remain there, so that tedious shifting operations, which could cause mistakes and mixups, are reliably avoided during the detection process. This is particularly significant in performing immunoassay measurements.

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B01L 9/06

IPC 8 full level
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CPC (source: EP US)
B01L 9/06 (2013.01 - EP US); **Y10S 435/809** (2013.01 - EP US)

Citation (search report)
• [A] US 3713771 A 19730130 - TAYLOR B, et al
• [A] US 4055396 A 19771025 - MEYER ROLF, et al
• [A] EP 0219802 A2 19870429 - ALFI SRL [IT]
• [A] DE 2730214 A1 19790111 - LIEBL FRANZ

Cited by
CN107971059A; US5074505A; CN103695291A; US11453906B2; US11142785B2; US9618139B2; US10139012B2; US10076754B2; US11806718B2; US10900066B2; US11085069B2; US9815057B2; US10364456B2; US10443088B1; US10494663B1; US10604788B2; US10710069B2; US11441171B2; US9765389B2; US10781482B2; US11788127B2; US9802199B2; US10179910B2; US10695764B2; US10821446B1; US10844368B2; US11141734B2; US11466263B2; US10065185B2; USD831843S; US10590410B2; USD905269S; US11060082B2; US11254927B2; US11266987B2; US9677121B2; US10351901B2; US10619191B2; US10799862B2; US10821436B2; US10843188B2; US10857535B2; US10913061B2; US11666903B2; US9670528B2; US10071376B2; US10234474B2; US10571935B2; US10625262B2; US10625261B2; US10632466B1; US10717085B2; US10731201B2; US10822644B2; US10865437B2; US10875022B2; US11078523B2; US11549959B2

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