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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G01N 33/53	A2	(11) International Publication Number: WO 99/35497
		(43) International Publication Date: 15 July 1999 (15.07.99)

(21) International Application Number: PCT/GB99/00052

(22) International Filing Date: 7 January 1999 (07.01.99)

(30) Priority Data:
9800263.7 8 January 1998 (08.01.98) GB

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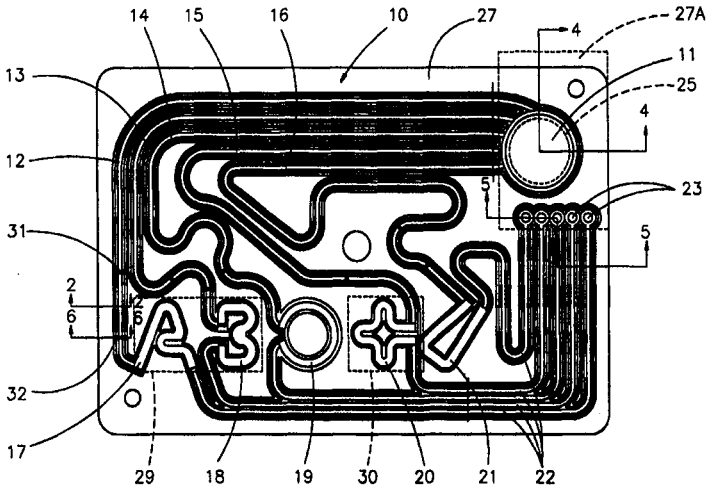
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(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: A DEVICE FOR TESTING LIQUIDS



(57) Abstract

A device for testing for the presence of a substance in a liquid includes a sample receiving location and capillary passages for the flow of liquid from the receiving location to a number of different indicating locations, the passages containing reagents which may react to the presence of the substance to be detected. The device includes a base plate in which grooves and other recesses are formed, and a cover plate which is welded over the base plate to cover the grooves and recesses and thereby form the capillary passages and other locations. The base plate is formed with upstanding ribs and overflow grooves which extend along the sides of each capillary groove and around the other recesses, so that when the cover plate is welded to the base plate the molten material can flow into the overflow grooves, allowing the cover plate to come into firm abutting engagement with the base plate. Each capillary passage includes baffles to reduce the flow of liquid through the passage, and thus enhance the effect of agglutination. The passages lead to individual dumping reservoirs in the device.

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