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(54) Title: A METHOD FOR SAMPLING A BODILY FLUID FROM A TEST SUBJECT, AND A SAMPLING SYSTEM

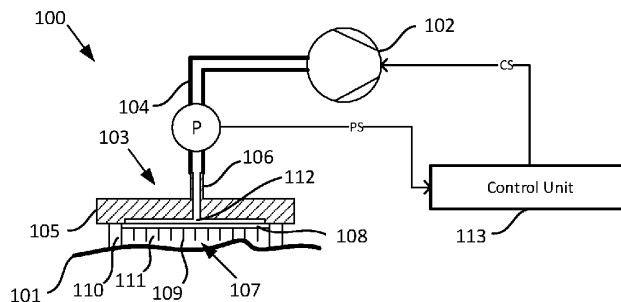


Fig. 1

(57) Abstract: The present invention relates to a method (200) for sampling a bodily fluid from the skin (101) of a test subject by means of a sampling system (100). The method (200) comprises the steps of a) placing (201) the rim of the microneedle assembly in contact with the skin of the test subject, thereby sealing the interior (111) of the housing (105) from the surrounding atmosphere; b) applying (202) a negative penetration pressure (PP) by means of the pump to the fluid port and thereby to the interior of the housing, wherein the negative penetration pressure (PP) is maintained during a penetration time (tP), whereby the plurality of microneedles penetrates the skin of the test subject; c) lift-off (203), wherein the plurality of microneedles are removed from the skin during a lift-off time (tL), wherein the interior of the housing is at least at the atmospheric pressure; and d) applying (204) a negative extraction pressure (PE) with the pump during an extraction time (tE), whereby the bodily fluid released from the skin flows towards the fluid port and is collected in a sample volume (112). The present invention also relates to a sampling system (100).