

Title (en)  
DEVICE FOR TAKING A SAMPLE OF BIOLOGICAL LIQUID

Title (de)  
VORRICHTUNG ZUR ENTNAHME EINER PROBE EINER BIOLOGISCHEN FLÜSSIGKEIT

Title (fr)  
DISPOSITIF DE PRÉLÈVEMENT D'ÉCHANTILLON LIQUIDE BIOLOGIQUE

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Application  
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Abstract (en)  
[origin: WO2021052984A1] The invention relates to a device (12, 112, 212) for taking a biological liquid sample intended to be able to be inserted into a portable reader (14) able to analyse the biological liquid, the device (12, 112, 212) comprising a strip (30, 130, 230) comprising, on its upper face, a plurality of colour-changing reactive elements (32, 132, 232) arranged one after the other; an absorbent assembly (28, 128, 228) comprising a deposition portion (37, 137, 237) on which to deposit the biological liquid; a band (38, 138, 238) for the diffusion of the biological liquid arranged over the top of the plurality of reactive elements (32, 132, 232); a housing (16, 116, 216) comprising a housing bottom (24, 124, 224), the strip (30, 130, 230) being arranged in the bottom of the housing (24, 124, 224), the lower face of the strip (30, 130, 230) being arranged facing the housing bottom (24, 124, 224), each reactive element (32, 132, 232) being arranged by transparency through the strip (30, 130, 230) facing an opening (52, 152, 252) in the housing bottom (24, 124, 224); a cover (26, 126, 226) arranged over the top of the diffusion band (38, 138, 238) and comprising at least one protruding pattern (60, 172, 288) forming a pressing surface configured to press the diffusion band (38, 138, 238) into contact with the plurality of reactive elements (32, 132, 232); an access opening (56, 156, 256) configured to provide access to the deposition portion (37, 137, 237).

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