

Title (en)
A MONITORING DEVICE

Title (de)
ÜBERWACHUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE SURVEILLANCE

Publication
EP 3596461 A1 20200122 (EN)

Application
EP 18714350 A 20180316

Priority
• GB 201704299 A 20170317
• GB 2018050687 W 20180316

Abstract (en)
[origin: GB2560580A] A monitoring device comprises monitoring unit 2 having electroanalytical component (3, Fig. 1) and electrical contact 11, and sensor unit 4 (advantageously disposable) having sensor arrangement (5, Fig. 1) and electrical contact (12, Fig. 3). The monitoring unit 2 and sensor unit 4 are held together releasably, and in electrical communication, by a cooperating attachment arrangement, perhaps base plate (8, Fig. 2c) and clip mechanism (9, 10, Fig. 2c). The monitoring unit may have casing 6, maybe sealed, comprising recess 7 with walls 20 and 21 having no sharp internal angles; advantageously, this facilitates easy cleaning. Battery charging unit (17, Fig. 5) may instead be inserted into the recess to charge an internal battery via contact 16. The sensor unit may have flow cell(s) (26, Fig. 1) and fluid input and output (22, 23, Fig. 1). The sensor arrangement may comprise electrochemical or optical sensors, and a recognition substrate (enzyme, antibody etc) which binds to the analyte.

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G01N 33/487 (2006.01)

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Citation (search report)
See references of WO 2018167508A1

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