

Title (en)

DEVICE FOR CARRYING OUT PHOTOMETRIC AND SPECTROPHOTOMETRIC DETERMINATIONS AND CHEMICAL MICROREACTIONS AND RELATED PRODEDURE

Publication

EP 0332732 A3 19900829 (EN)

Application

EP 88109707 A 19880617

Priority

IT 1978888 A 19880315

Abstract (en)

[origin: EP0332732A2] The proposed device consists of a capillary tube (2, 2 min) with a microcell (3, 3 min) above it, integral with the tube and having parallel transparent surfaces. The capillary tube (2, 2 min) may be equipped with a micropiston (4) that can be inserted at its base, to push up the liquid contained in the capillary tube (2, 2 min) and introduce the desired amount into the microcell. The microcell (3 sec) may be divided into a narrower lower chamber (31) and a wider upper chamber (32); a container (37), with a suitable chemical reagent, the bottom of which (39) can be pierced or cut, may be placed inside said lower chamber. It is also possible to identify the microcell with a label (42) that can be read by a scanner contained in the analyzer and may also carry information on the analysis parameters. The related sampling and analysis procedure is also described.

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IPC 8 full level

B01L 3/14 (2006.01)

CPC (source: EP)

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Citation (search report)

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