

Title (en)

DEVICE AND METHOD FOR DETERMINING THE CONCENTRATION OF A COMPOUND IN AN AQUEOUS OR GASEOUS PHASE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BESTIMMUNG DER KONZENTRATION EINER VERBINDUNG IN EINER WASSER- ODER GASPHASE

Title (fr)

DISPOSITIF ET PROCEDE DE DETERMINATION DE LA CONCENTRATION D'UN COMPOSE DANS UNE PHASE AQUEUSE OU GAZEUSE

Publication

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Application

EP 10737966 A 20100608

Priority

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Abstract (en)

[origin: WO2010142908A1] The invention relates to a device for dynamically determining the concentration of a compound in a flowing aqueous phase. The invention also relates to a device (300) for determining the concentration of a compound in a gaseous phase that is soluble in an aqueous phase. The device (200, 300) for determining the concentration of a compound in a gaseous phase comprises means (302) for transferring the compounds present in the gaseous phase towards an aqueous phase and for dynamically determining during the circulation the concentration of the compounds in said aqueous phase by fluorescence spectroscopy. The devices (300) of the present invention are sturdy, portable, and have a lower cost and a higher time and space sensitivity than the devices of the prior art.

IPC 8 full level

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