

Title (en)

DEVICE FOR THE COLLECTION OF VARIOUS SUBSTANCES PRESENT IN A LIQUID

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Application

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Priority

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Abstract (en)

[origin: WO8404340A1] Devices enabling to collect substances dispersed in a liquid or floating on the surface of a liquid. The device may be configured as a floating barrier, for example a boat or a buoy. It comprises at least a housing (1) communicating with the liquid through orifices (3, 5) fitted with shutters (4, 6), and with the atmosphere through orifices (2). A certain alternating variation of the level of the surface (S) of the liquid with a respect to the housing is determined, and maintains a circulation of streams between the liquid medium and the housing. Substances of various natures and densities, brought by the streams (a) entering the housing are collected by the latter, they may be conveyed up to the discharge ports. The invention may be applied for example to combat chronic and accidental sea pollutions, and to collect various samples of said marine medium.

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