

Title (en)

Apparatus for extracting and removing a liquid containing noxious material, especially of dirty water.

Title (de)

Vorrichtung zur Absaugung und Abführung einer Schadstoffe enthaltenden Flüssigkeit, insbesondere von Schmutzwasser.

Title (fr)

Appareil pour aspirer et évacuer un liquide contenant des matières nocives notamment de l'eau sale.

Publication

EP 0332090 B1 19941123 (DE)

Application

EP 89103819 A 19890304

Priority

DE 3808124 A 19880311

Abstract (en)

[origin: EP0332090A2] A liquid feed hose (24) is connected to a negative pressure container (21). Connected downstream of the outlet (21.8) of the negative pressure container (21) is an outlet device which allows the liquid to be discharged even under negative pressure. The outlet device has a second negative pressure container (26), into which the outlet (21.8) of the first negative pressure container (21) opens out via a non-return valve (21.3). The outlet (26.1) of the second negative pressure container (26) is connected via a non-return valve (26.2) to a discharge line (28). The two negative pressure containers are connected to each other via a bypass system (25) which contains an actuatable 3/2-way valve (27). The actuation takes place in dependence on the negative pressure in the first negative pressure container (21) in such a way that, in a first operating state, in which the bypass is blocked and the second negative pressure container (26) is under atmospheric pressure, the first negative pressure container (21) is filled and the second is emptied. In a second operating state, the bypass is open, both negative pressure containers (21, 26) are under the same pressure and the liquid flows from the first negative pressure container (21) into the second negative pressure container (26). <IMAGE>

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A47L 7/00

IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2674598A1; FR2674425A1; WO9217105A1; WO9518685A1; WO9217106A1

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DOCDB simple family (application)

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