

Title (en)

Device and method for recuperating a used liquid

Title (de)

Vorrichtung und Verfahren zur Wiedergewinnung gebrauchter Flüssigkeit

Title (fr)

Dispositif et procédé de récupération de fluide usagé

Publication

**EP 1258452 A1 20021120 (FR)**

Application

**EP 02100501 A 20020516**

Priority

BE 200100344 A 20010518

Abstract (en)

The collecting system consists of a container (1) connected to a source of a used fluid, especially on a vehicle, by a hose (6) with end couplings (7, 8). The container is located inside a closed chamber (15) and is equipped with a means for emptying the used fluid via a closed circuit. The inlet (2) of the container, to which the hose is connected, has a shutter (4) which closes the inlet until the hose coupling is fixed onto it. The hose has a flow meter (9) to measure the amount of fluid passing through it, and the container has a gauge (16) to indicate the volume of fluid inside it.

Abstract (fr)

Ensemble comprenant un bidon (1) de récupération de fluide usagé, en particulier provenant d'un véhicule et un tuyau (6) muni à l'une de ses extrémités d'un premier embout (7) agencé pour s'accoupler à un orifice d'évacuation d'un circuit contenant le fluide usagé et à l'autre extrémité d'un deuxième embout (8) agencé pour être verrouillé sur un premier orifice dudit bidon (1), ce premier orifice possédant un dispositif obturateur destiné à bloquer l'accès au bidon lorsque le deuxième embout n'est pas verrouillé sur le premier orifice. <IMAGE>

IPC 1-7

**B67D 5/02**; F01M 11/04

IPC 8 full level

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Citation (search report)

- [X] US 5579811 A 19961203 - HSU HUAN-LING [TW]
- [X] US 5476154 A 19951219 - SAGE GARY H [US]
- [E] WO 0177005 A1 20011018 - WESSBERG KAJ [SE]
- [A] US 5988456 A 19991123 - LAIBLE RODNEY [US]
- [A] EP 0294719 A1 19881214 - SCHRODER ULRICH
- [A] US 4958668 A 19900925 - VACHON LEANDRE [CA]
- [A] US 5685396 A 19971111 - ELKIN PAUL M [US], et al
- [A] FR 2763359 A1 19981120 - PELLERANO JOSEPH [FR]
- [A] US 6079380 A 20000627 - JORGENSEN ROBERT A [US], et al

Cited by

CN110028034A; US10871249B1

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