

Title (en)

METHOD FOR RECOVERING HYDROCARBONS SPILLS FROM UNDERGROUND AND APPARATUS FOR APPLYING THE METHOD

Title (de)

VERFAHREN ZUR RÜCKGEWINNUNG VON KOHLENWASSERSTOFFVERUNREINIGUNGEN VON UNTER DER ERDE UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE RECUPERATION DES FUITES D'HYDROCARBURES DANS LA TERRE ET APPAREIL DE MISE EN APPLICATION DU PROCEDE

Publication

**EP 1483065 A1 20041208 (EN)**

Application

**EP 03743905 A 20030311**

Priority

- FI 0300189 W 20030311
- FI 20020457 A 20020312

Abstract (en)

[origin: WO03076093A1] The present invention relates to a method for recovering of hydrocarbons spilt into the soil, in which method hydrocarbons spilt into the soil are removed with a vacuum pump (6) to a reservoir (4), recovered and at least a part of hydrocarbons is disposed. In the method in accordance with the invention hydrocarbons are conducted quickly after a leakage to a reservoir (4) from the ground and/or soil as liquid as well as vapor, and hydrocarbon vapors are separated (3) in the reservoir (4) during the process controlled and continuously from liquids, conducted to a separate burning device (7) and disposed controlled. The device in accordance with the invention includes a reservoir (4), a vacuum pump (6) for creating vacuum, one or several hoses 2 or corresponding for extracting hydrocarbon from the ground and/or soil by means of vacuum and a burning device (7) for disposing at least a part of hydrocarbons. Furthermore, the device includes a separating device (3) placed in the vacuum reservoir for separating hydrocarbons from liquids controlled.

IPC 1-7

**B09C 1/00**; **B08B 9/035**

IPC 8 full level

**B08B 9/02** (2006.01); **B09C 1/00** (2006.01)

CPC (source: EP)

**B08B 9/027** (2013.01); **B08B 9/035** (2013.01); **B09C 1/00** (2013.01); **B09C 1/005** (2013.01); **B09C 2101/00** (2013.01)

Citation (search report)

See references of WO 03076093A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 03076093 A1 20030918**; AU 2003209802 A1 20030922; EP 1483065 A1 20041208; FI 116614 B 20060113; FI 20020457 A0 20020312; FI 20020457 A 20030913

DOCDB simple family (application)

**FI 0300189 W 20030311**; AU 2003209802 A 20030311; EP 03743905 A 20030311; FI 20020457 A 20020312