

Title (en)

METHOD FOR OIL SPILL COLLECTION ON WATER

Title (de)

VERFAHREN ZUM AUFFANGEN VON AUSGELAUFENEM ÖL AUF WASSER

Title (fr)

PROCÉDÉ DE COLLECTE DE DÉVERSEMENT DE PÉTROLE SUR DE L'EAU

Publication

**EP 2694742 A4 20151125 (EN)**

Application

**EP 12767720 A 20120410**

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- DK 2012050116 W 20120410

Abstract (en)

[origin: WO2012136225A1] The invention concerns a method for collecting petroleum products from a contaminated water surface, where pumice is used for laying upon a contaminated water surface. The new feature of a method according to the invention is that the pumice has an average particle size between 15 and 80 mm, preferably between 30 and 50 mm, where the pumice has a density between 200 and 400 kg/m<sup>3</sup> by a water content below 10 weight-%. The particularly great advantage of pumice stones of this size is due to the fact that it has appeared to be much easier to collect the pumice stones when they have an appreciable dimension compared to that which has been previously used. At the same time, it is advantageous that the density is somewhat lower than the previously used types of pumice. The advantage of the lower density means that the pumice stones lie higher in the water surface, thus allowing the petroleum to attach to the surface and in the open pores of the pumice stones in a surprisingly efficient way.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 3142275 A1 19830505 - STEININDUSTRIE AG F [DE]
- [A] US 5490940 A 19960213 - BRAGG JAMES R [US], et al
- [A] FR 2870753 A1 20051202 - CAMP JEAN PIERRE [FR], et al
- [A] FR 2936960 A1 20100416 - ECOPOMEX S A M [MC]
- [A] DE 2046395 A1 19720330
- See references of WO 2012136225A1

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