

Title (en)

SYSTEM FOR CLEANING AN OIL TANK AND METHOD OF CLEANING AN OIL TANK

Title (de)

SYSTEM ZUR REINIGUNG EINES ÖLTANKS UND VERFAHREN ZUR REINIGUNG EINES ÖLTANKS

Title (fr)

SYSTEME DE NETTOYAGE D'UNE CUVE DE PETROLE ET PROCEDE DE NETTOYAGE D'UNE CUVE DE PETROLE

Publication

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Application

**EP 06764628 A 20060515**

Priority

FR 2006001090 W 20060515

Abstract (en)

[origin: WO2007132073A1] The invention concerns a system for putting back in suspension a sediment that has, by deposition, formed a layer (3) on the bottom (1b) of a tank (1) with a floating roof (2) containing crude oil, said device comprising: - at least one pipe (11) for sucking out and re-injecting the oil contained in said tank (1); - a pump (7) for providing circulation of the oil in said pipe (11); - a filtration device (9) intended to eliminate the inorganic elements contained in the crude oil; and - injection lances (5) each comprising at least one injection orifice (8a, 8b, 8c) sending a jet in the direction of the layer of sediment; the filtration device (9) comprises at least a first (15a) and a second filter (15b) mounted in parallel and connected to the suction and re-injection pipe (11) by means of a switching device (16, 17) for directing the flow of oil selectively to the first (15a) or second filter (15b). The invention also concerns a method of putting a layer of sediment back in suspension.

IPC 8 full level

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Citation (search report)

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