

Title (en)

METHOD AND APPARATUS FOR THE RECOVERY OF OIL OR REFINING PRODUCTS FROM THEIR SLUDGE

Publication

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Application

EP 85102622 A 19850307

Priority

- CH 124684 A 19840313
- CH 620984 A 19841231

Abstract (en)

[origin: WO8504122A1] The process for the recovery of residue-mixed crude oil or refinery products derived from crude oil, these residues being essentially comprised of sludgy, thickened crude oil deposited by sedimentation or refinery products extracted from crude oil and deposited by sedimentation in storage or transport containers to form a more or less compact deposition, is characterized in that the residues containing the oil or other refinery products are resuspended or redissolved in the liquid phase by means of the hydrodynamic energy of liquefaction agents, such as crude oil or fractions thereof, which are mainly chemically affined and pressure-reduced in the remaining liquid phase or directly in the residues, respectively in the sediment. The plant provided for implementing such process comprises at least one liquefaction lance (13) which may be introduced into a container (9) with the sediment or the sedimentary material to be released and comprising at least one nozzle (12) arranged thereon, as well as one or a plurality of conduits conducting to the nozzle or nozzles for pumping the chemically affined liquefaction agents.

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IPC 8 full level

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Citation (search report)

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