

Title (en)
SYSTEM FOR PRODUCING DE-WATERED OIL

Title (de)
SYSTEM ZUM ABBAU VON ENTWÄSSERTEM ERDÖL

Title (fr)
SYSTEME DESTINE A PRODUIRE DU PETROLE DESHYDRATE

Publication
EP 1240408 B1 20040929 (EN)

Application
EP 00987412 A 20001214

Priority

- EP 00987412 A 20001214
- EP 0012862 W 20001214
- EP 99204300 A 19991214
- EP 00305704 A 20000706

Abstract (en)
[origin: WO0144620A1] System for producing de-watered oil from an underground formation (2) to the surface (4), which system comprises a reception well (7) having a substantially horizontal or inclined section (10) for primary oil/water separation of the well fluid; a water discharge system (12) having an upstream end (13) that is capable of receiving during normal operation liquid from the lower region (14) of the downstream part (9) of the reception well (7); and a secondary underground oil/water separator (18) having an upstream end (19) that is capable of receiving during normal operation liquid from the upper region (20) of the downstream part (9) of the reception well (7), the secondary separator having an outlet (21) for de-watered oil that is in fluid communication with the inlet (5) of a production well and an outlet (22) for a water-enriched component that is in fluid communication with the water discharge system (12).

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IPC 8 full level
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