

Title (en)
INSTALLATION AND METHOD FOR THE EXPLOITATION OF SMALL OFFSHORE RESERVOIRS

Publication
EP 0470883 A3 19920325 (FR)

Application
EP 91402091 A 19910725

Priority
• FR 9010273 A 19900810
• FR 9104223 A 19910404

Abstract (en)
[origin: EP0470883A2] The present invention relates to an installation and method making it possible to exploit secondary petroleum reservoirs, the individual production capacities of which are insufficient to justify investment in the conventional petroleum exploitation devices. The installation according to the invention comprises, in combination with a main platform (8) equipped with the customary production means (9), a floating support (3) equipped with a pumping system allowing the transfer of the petroleum effluent, anchoring means (2) connecting said floating support to the sea bottom, first means (6) for transferring the effluent between said reservoirs and said floating support, and second means (7) for transferring the effluent between said floating support and said main platform, said second transfer means resting on the sea bottom. The method according to the invention is characterised in that the available production capacities of the main platform are utilised for the processing of the secondary reservoirs, the effluent being raised from the reservoir to the floating support by means of a pumping system and with the aid of first transfer means (6), before being conveyed towards the main platform by the secondary transfer means (7), without any separation of their constituents. The invention is used for the exploitation of secondary petroleum reservoirs. <IMAGE>

IPC 1-7
E21B 43/017; **E21B 43/01**

IPC 8 full level
E21B 43/01 (2006.01); **E21B 43/017** (2006.01)

CPC (source: EP US)
E02B 17/00 (2013.01 - EP US); **E21B 43/01** (2013.01 - EP US); **E21B 43/017** (2013.01 - EP US); **E02B 2017/0095** (2013.01 - EP US)

Citation (search report)
• [A] GB 2157749 A 19851030 - LEE MALCOLM
• [A] US 3545215 A 19701208 - BURRUS BILL S

Cited by
FR2694785A1; US5390743A; WO9621792A3

Designated contracting state (EPC)
DK FR GB NL

DOCDB simple family (publication)
EP 0470883 A2 19920212; **EP 0470883 A3 19920325**; **EP 0470883 B1 19951018**; CA 2048888 A1 19920211; CA 2048888 C 19980804; DK 0470883 T3 19951127; NO 302712 B1 19980414; NO 913107 D0 19910809; NO 913107 L 19920211; US 5226482 A 19930713; US 5295546 A 19940322

DOCDB simple family (application)
EP 91402091 A 19910725; CA 2048888 A 19910809; DK 91402091 T 19910725; NO 913107 A 19910809; US 74376291 A 19910812; US 8741193 A 19930708