

Title (en)
Installation for oil well

Title (de)
Einrichtung für Erdöl-Produktionsbohrung

Title (fr)
Installation pour puits pétrolier

Publication
EP 0694676 A1 19960131 (FR)

Application
EP 95401776 A 19950727

Priority
FR 9409455 A 19940729

Abstract (en)
The installation, for use in a well (10) extending from the surface to an oil-bearing rock layer (14), consists of a first tube (20) and a second tube (22) for carrying hydrocarbons from the rock layer to the surface, and a chamber (51) between the two tubes and the well wall (18) which contains no hydrocarbons. The second tube (22) is also equipped with an electric pump (32, 34) with its feed cable (36) located mainly in the chamber (51). The chamber (51) is filled with an inert substance such as a gel with a high level of thermal insulation, and the two tubes are connected at a point (48) on the surface (12) or inside the well. The connection is in the form of a duct from the first tube which joins the second tube inside a Venturi unit (50).
<IMAGE>

Abstract (fr)
Une installation pour un puits pétrolier, s'étendant de la surface (12) vers une couche de roche pétrolifère (14), comprend un premier tubage (20) disposé dans le puits et formant une voie d'écoulement vers la surface pour les hydrocarbures légers (riche en gaz). Selon l'invention, le puits reçoit un second tubage (22) formant une seconde voie d'écoulement vers la surface pour les hydrocarbures lourds provenant de la même couche de roche, l'installation comprenant de plus une chambre (51), entre les tubages (20,22) et la paroi (18) du puits qui ne contient pas d'hydrocarbures en provenance de la couche de roche tel qu'un gel bon isolant thermique. <IMAGE>

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E21B 43/00; **E21B 43/12**

IPC 8 full level
E21B 43/00 (2006.01); **E21B 43/12** (2006.01)

CPC (source: EP US)
E21B 43/00 (2013.01 - EP US); **E21B 43/12** (2013.01 - EP US)

Citation (search report)
• [A] US 4266607 A 19810512 - HALSTEAD LOUIS N
• [A] US 3765483 A 19731016 - VENCIL N

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FR2759113A1; EP0866212A1; FR2761110A1; WO9834009A1

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