

Title (en)

Device for separation of a gas-liquid-mixture as supply for a downhole pump.

Title (de)

Vorrichtung zur Separation eines Gas-Flüssigkeitsgemisches als Zufuhr einer Imbohrlochpumpe.

Title (fr)

Dispositif de séparation d'un mélange de gaz libre et de liquide à l'admission d'une pompe au fond d'un puits foré.

Publication

**EP 0435716 B1 19941005 (FR)**

Application

**EP 90403476 A 19901206**

Priority

FR 8917520 A 19891228

Abstract (en)

[origin: EP0435716A1] The present invention concerns a device for separating a mixture of free gas and liquid at the inlet of a pump (3) connected to a low end of a tubular column (2) at the bottom of a borehole. The pump (3) is connected to the tubular column (2) by an intermediate production pipe (6) and is inserted in a fluid inlet device (7, 8) of which one low end is covered and one high end comprises orifices (9) for the inlet of fluid, the said pump being placed inside the said inlet device, in the proximity of its low end, the said inlet device comprising, in the vicinity of its low end, a device forming at least one valve (21, 22). Application to pumping in greatly inclined boreholes. <IMAGE>

IPC 1-7

**E21B 43/38**; **E21B 43/12**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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