

Title (en)

METHODS AND APPARATUS TO DETERMINE PRODUCTION OF DOWNHOLE PUMPS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG DER ERZEUGUNG DER BOHRLOCHPUMPEN

Title (fr)

PROCÉDÉS ET APPAREIL DE DÉTERMINATION DE LA PRODUCTION DE POMPES DE FOND DE TROU

Publication

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Application

EP 16738945 A 20160629

Priority

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- US 2016039939 W 20160629

Abstract (en)

[origin: WO2017004110A1] Methods and apparatus to determine production of a downhole pump are described herein. An example method includes measuring a first amount of liquid produced from a well by a pump during a first stroke of the pump, computing a first pump card based on the first stroke, determining a first area of the first pump card and determining a leakage proportionality constant of the pump based on the first amount of liquid produced and the first area. The example method also includes computing a second pump card based on a second stroke of the pump, determining a second area of the second pump card and determining a second amount of liquid produced by the pump during the second stroke based on the leakage proportionality constant and the second area.

IPC 8 full level

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CPC (source: CN EP RU US)

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