

Title (en)
BOREHOLE PRODUCTION BOOSTING SYSTEM

Title (de)
SYSTEM ZUR VERSTÄRKUNG VON BOHRLOCHFÖRDERUNG

Title (fr)
SYSTEME A SURPRESSION POUR LA PRODUCTION EN TROU DE SONDE

Publication
EP 1392955 B1 20060201 (EN)

Application
EP 02769513 A 20020514

Priority
• GB 0202255 W 20020514
• GB 0112107 A 20010517

Abstract (en)
[origin: WO02092965A1] Method and apparatus for assisting the flow of production fluid from a hydrocarbon wellbore (4) to a remote host facility (16) including a separation facility (6) situated close to the wellbore (4). Jetting fluid is supplied initially from the host facility (16) to a downhole jet pump (14) via the separation facility (6) for assisting the flow of production fluid from the wellbore (4) to the separation facility (6) where the resulting mixture enters one of two parallel gravity separation chambers (32). Separated jetting fluid (60) is recirculated to the jet pump (14) via a pump (38) and production fluid is routed to the host facility via a production pipeline (18). A jetting fluid supply pipe (20) can be of relatively small diameter and the production pipeline (18) does not have to be enlarged to accommodate jetting fluid returned to the host facility (16).

IPC 8 full level
E21B 43/36 (2006.01); **E21B 43/12** (2006.01); **E21B 43/34** (2006.01)

CPC (source: EP US)
E21B 43/124 (2013.01 - EP US); **E21B 43/34** (2013.01 - EP US)

Cited by
WO2017112508A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02092965 A1 20021121; AT E317054 T1 20060215; BR 0209622 A 20040323; DE 60209022 D1 20060413; EP 1392955 A1 20040303; EP 1392955 B1 20060201; GB 0112107 D0 20010711; NO 20035070 D0 20031114; US 2004154794 A1 20040812

DOCDB simple family (application)
GB 0202255 W 20020514; AT 02769513 T 20020514; BR 0209622 A 20020514; DE 60209022 T 20020514; EP 02769513 A 20020514; GB 0112107 A 20010517; NO 20035070 A 20031114; US 47727404 A 20040409