

Title (en)

PACKER, SETTING TOOL FOR A PACKER AND METHOD FOR SETTING A PACKER

Title (de)

PACKER, EINBAUWERKZEUG UND VERFAHREN ZUM EINBAU

Title (fr)

PACKER DE PRODUCTION, OUTIL DE MONTAGE DE PACKER ET PROCEDE DE MONTAGE DE PACKER

Publication

**EP 1305500 A2 20030502 (EN)**

Application

**EP 01930332 A 20010426**

Priority

- NO 0100175 W 20010426
- NO 20002134 A 20000426

Abstract (en)

[origin: WO0180650A2] The invention relates to a packer (7) to be included in a production tubing (4) in a well bore (1). The packer (7) comprises an expandable bag (11) located on the outside (56) of a packer body (9), the bag (11) having an outwardly facing semi-permeable wall (12) made from fabric. When setting the packer, a liquid curable resin is injected into the bag (11), which causes an expansion of the bag (11). The resin partly penetrates the outwardly facing fabric wall (12) and seals against the well bore wall (10), and after curing forms a packer seal (58). The invention also relates to a setting tool for setting the packer (7) in the well bore (1) and a method for setting a packer (7) in a well bore (1).

IPC 1-7

**E21B 33/127**

IPC 8 full level

**E21B 23/06** (2006.01); **E21B 33/127** (2006.01); **E21B 33/134** (2006.01)

CPC (source: EP US)

**E21B 23/06** (2013.01 - EP US); **E21B 33/1275** (2013.01 - EP US); **E21B 33/1277** (2013.01 - EP US); **E21B 33/134** (2013.01 - EP US)

Citation (search report)

See references of WO 0180650A2

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 0180650 A2 20011101**; **WO 0180650 A3 20020328**; AU 5687201 A 20011107; BR 0110359 A 20041221; CA 2407436 A1 20011101; EP 1305500 A2 20030502; US 2003075342 A1 20030424

DOCDB simple family (application)

**NO 0100175 W 20010426**; AU 5687201 A 20010426; BR 0110359 A 20010426; CA 2407436 A 20010426; EP 01930332 A 20010426; US 25737402 A 20021017