

Title (en)

ACTUATING MECHANISM

Title (de)

BETÄTIGUNGSMECHANISMUS

Title (fr)

MECANISME DE COMMANDE

Publication

EP 1815104 A4 20100505 (EN)

Application

EP 04796962 A 20041101

Priority

- AU 2004001512 W 20041101
- AU 2003906111 A 20031105

Abstract (en)

[origin: WO2005045180A1] An actuating mechanism (111) comprising an inner member (113) and an outer member (115) axially slidably relative to each other, the inner and outer members (113, 115) cooperating to define an internal passage (117) for the flow of a fluid therethrough. The inner member (113) being configured such that upon a predetermined change in pressure between a first region (119) and a second region (120) the actuating mechanism (111) is caused to move between a first condition and a second condition.

IPC 8 full level

E21B 21/08 (2006.01); **E21B 21/10** (2006.01); **E21B 23/00** (2006.01); **E21B 23/04** (2006.01); **E21B 23/08** (2006.01); **E21B 34/14** (2006.01);
E21B 41/00 (2006.01)

CPC (source: EP US)

E21B 21/10 (2013.01 - EP US); **E21B 21/103** (2013.01 - EP US); **E21B 23/004** (2013.01 - EP US); **E21B 23/006** (2013.01 - EP US);
E21B 34/12 (2013.01 - EP US); **E21B 34/142** (2020.05 - EP US); **E21B 41/0007** (2013.01 - EP US)

Citation (search report)

- [X] US 5101907 A 19920407 - SCHULTZ ROGER L [US], et al
- [X] US 4657082 A 19870414 - RINGGENBERG PAUL D [US]
- [A] US 5050681 A 19910924 - SKINNER NEAL G [US]
- [A] US 4258793 A 19810331 - MCGRAW THOMAS E, et al
- See also references of WO 2005045180A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005045180 A1 20050519; AU 2004287892 A1 20050519; EP 1815104 A1 20070808; EP 1815104 A4 20100505; NO 20072534 L 20070801;
US 2009126936 A1 20090521

DOCDB simple family (application)

AU 2004001512 W 20041101; AU 2004287892 A 20041101; EP 04796962 A 20041101; NO 20072534 A 20070516; US 66667404 A 20041101