

Title (en)
SUBSURFACE PRESSURE ACTUATED WELL APPARATUS

Publication
EP 0467573 A3 19930210 (EN)

Application
EP 91306198 A 19910709

Priority
US 54980390 A 19900709

Abstract (en)
[origin: EP0467573A2] Method and apparatus for actuating one or more downhole well tools carried by a production or work string conduit having an imperforate wall and for blocking fluid communication between an activating fluid body and a second fluid source within said well across dynamic seals between actuating members of the well tool, by producing selective signals through the conduit wall detectable by a member to produce an activating signal for actuating the downhole well tool by a downhole energy source. <IMAGE>

IPC 1-7
E21B 41/00; **E21B 33/129**; **E21B 34/10**; **E21B 23/04**; **E21B 43/1185**

IPC 8 full level
E21B 23/00 (2006.01); **E21B 23/04** (2006.01); **E21B 33/1295** (2006.01); **E21B 34/06** (2006.01); **E21B 34/10** (2006.01); **E21B 41/00** (2006.01); **E21B 43/1185** (2006.01); **E21B 47/18** (2012.01)

CPC (source: EP US)
E21B 23/00 (2013.01 - EP); **E21B 23/04** (2013.01 - EP US); **E21B 23/042** (2020.05 - EP US); **E21B 33/1295** (2013.01 - EP); **E21B 34/06** (2013.01 - EP); **E21B 34/063** (2013.01 - EP); **E21B 34/066** (2013.01 - EP); **E21B 34/102** (2013.01 - EP); **E21B 41/00** (2013.01 - EP US); **E21B 43/1185** (2013.01 - EP); **E21B 43/11852** (2013.01 - EP); **E21B 47/24** (2020.05 - EP)

Citation (search report)
[AD] US 3233674 A 19660208 - KURT LEUTWYLER

Cited by
GB2348029A; GB2348029B; EP0592160A1; US5447202A; WO2007014086A3; WO9905385A3

Designated contracting state (EPC)
DE DK FR GB IT NL

DOCDB simple family (publication)
EP 0467573 A2 19920122; **EP 0467573 A3 19930210**; BR 9102864 A 19920204; CA 2046470 A1 19920110; NO 912676 D0 19910708; NO 912676 L 19920110

DOCDB simple family (application)
EP 91306198 A 19910709; BR 9102864 A 19910708; CA 2046470 A 19910708; NO 912676 A 19910708