

Title (en)

APPARATUS AND METHOD FOR ISOLATING A PIPE SEGMENT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ABSCHOTTUNG EINES ROHRABSCHNITTS

Title (fr)

ISOLATION TUBULAIRE

Publication

**EP 1297315 A1 20030402 (EN)**

Application

**EP 01943681 A 20010629**

Priority

- GB 0102917 W 20010629
- GB 0015800 A 20000629

Abstract (en)

[origin: WO0201176A1] An apparatus (10) for isolating a section of a bore has two relatively moveable annular sections (12, 14), on which are mounted elastomeric annuli (16, 18). Between the elastomeric annuli (16, 18) is located a third annulus (20) provided in two parts (20a, 20b), with a locating profile (22) provided therebetween. Movement of the annular sections (12, 14) toward one another is effected by means of a setting tool, with the sections being retained in a set position by ratchet surfaces (32, 34) provided on an internal sleeve (26). The elastomeric annuli (16, 18) are thus urged outward to engage and seal a portion of a bore, while the locating profile (22) is also urged outward to locate the apparatus (10) at a desired section of the bore.

IPC 1-7

**G01M 3/28; E21B 47/10**

IPC 8 full level

**E21B 29/10** (2006.01)

CPC (source: EP)

**E21B 29/10** (2013.01)

Citation (search report)

See references of WO 0201176A1

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 0201176 A1 20020103**; AU 6621601 A 20020108; EP 1297315 A1 20030402; GB 0015800 D0 20000816

DOCDB simple family (application)

**GB 0102917 W 20010629**; AU 6621601 A 20010629; EP 01943681 A 20010629; GB 0015800 A 20000629