

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

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- 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.

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