

Title (en)

Up-to-set lock mandrel and method of operation thereof

Title (de)

Aufwärts setzbare Verriegelungshülse und Verfahren zu ihrer Bedienung

Title (fr)

Mandrin à verouillage par traction et procédé de son opération

Publication

**EP 0810348 A3 20000809 (EN)**

Application

**EP 97303345 A 19970516**

Priority

US 65494496 A 19960529

Abstract (en)

[origin: EP0810348A2] An up-to-set lock mandrel (10) for registering with a locating profile (14) recessed in a sidewall (16) of a well conduit portion (12). The up-to-set lock mandrel (10) comprises a generally cylindrical body (20) and a locating key (22) coupled to the body (20) and biased to be urged from a seeking position toward a no-go position. The locating key (22) has a no-go profile (26) thereon contoured to engage the locating profile (14) when the locating key (22) is in the no-go position, to thereby function as a no-go for the up-to-set lock mandrel (10). <IMAGE>

IPC 1-7

**E21B 23/02**

IPC 8 full level

**E21B 23/02** (2006.01)

CPC (source: EP)

**E21B 23/02** (2013.01)

Citation (search report)

- [X] US 3593784 A 19710720 - BROWN CICERO C, et al
- [X] US 3670815 A 19720620 - BROWN CICERO C
- [A] EP 0701042 A2 19960313 - HALLIBURTON CO [US]
- [A] US 4896721 A 19900130 - WELCH WILLIAM R [US]

Cited by

WO2017079823A1; GB2371317A; GB2371317B; FR2927355A1; EP2088280A1; US10689950B2; US10151162B2; US6758272B2; EP3374592A4; US10745987B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0810348 A2 19971203; EP 0810348 A3 20000809**; AU 2003997 A 19971204; CA 2206170 A1 19971129; ID 17369 A 19971224; NO 972284 D0 19970520; NO 972284 L 19971201

DOCDB simple family (application)

**EP 97303345 A 19970516**; AU 2003997 A 19970505; CA 2206170 A 19970526; ID 971785 A 19970528; NO 972284 A 19970520