

Title (en)
ANCHOR SYSTEM

Title (de)
ANKERSYSTEM

Title (fr)
SYSTÈME D'ANCRAGE

Publication
EP 3388616 A1 20181017 (EN)

Application
EP 17166613 A 20170413

Priority
EP 17166613 A 20170413

Abstract (en)
An anchor system (10) for anchoring an expandable tubular in a borehole is proposed, which has one or more anchor members (1,1') that at a fixed end (40) thereof are secured to the expandable tubular with a securing system (50) that uses a tongue-and-groove connection (9). The tongue-and-groove connection makes use of an interlocking profile between one or more tongues (6) configured as ridges protruding outward from one surface and one or more grooves (7) formed as recesses in a mating surface. One groove, which may be formed by a recess in the outer surface of the cylindrical wall, receives a tongue which may be formed by a ridge on an engagement surface of the anchor members (facing toward the outer surface of the expandable tubular). The tongue and groove are thus interlocked, and prevent sliding movement of the fixed end of the anchor member relative to the expandable tubular (20).

IPC 8 full level
E21B 23/01 (2006.01); **E21B 43/10** (2006.01)

CPC (source: EP)
E21B 23/01 (2013.01); **E21B 43/103** (2013.01)

Citation (applicant)
• US 8997856 B2 20150407 - WUBBEN ANTONIUS LEONARDUS MARIA [NL], et al
• US 2013312954 A1 20131128 - DI CRESCENZO DANIELE [NL], et al
• WO 2017001662 A1 20170105 - SHELL INT RESEARCH [NL], et al
• US 8522866 B2 20130903 - WUBBEN ANTONIUS LEONARDUS MARIA [NL], et al
• US 8973654 B2 20150310 - WUBBEN ANTONIUS LEONARDUS MARIA [NL], et al
• US 8997857 B2 20150407 - WUBBEN ANTONIUS LEONARDUS MARIA [NL], et al

Citation (search report)
• [XYI] WO 2015166257 A2 20151105 - CAMPBELL ARLENE DR [GB]
• [X] US 7367391 B1 20080506 - STUART DAVID JOHN [GB], et al
• [YD] US 8997856 B2 20150407 - WUBBEN ANTONIUS LEONARDUS MARIA [NL], et al
• [A] US 2012217003 A1 20120830 - YEE CHEE K [US], et al
• [A] WO 9637681 A1 19961128 - PETROLINE WIRELINE SERVICES [GB], et al
• [A] US 2003205386 A1 20031106 - JOHNSTON GARY [GB], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3388616 A1 20181017

DOCDB simple family (application)
EP 17166613 A 20170413