

Title (en)
UNIPLANAR BONE ANCHORING ELEMENT

Title (de)
UNIPLANARES KNOCHENVERANKERUNGSELEMENT

Title (fr)
ÉLÉMENT D'ANCRAGE OSSEUX MONOPLAN

Publication
EP 3302323 A1 20180411 (DE)

Application
EP 16718268 A 20160408

Priority
• EP 15170172 A 20150601
• EP 2016057810 W 20160408

Abstract (en)
[origin: WO2016192877A1] The invention relates to a uniplanar bone anchoring element (10) comprising an anchoring screw (12) with a bone thread (14) and a screw head (18), which is flattened on at least one side (17); a receiving element (20) that has a through-bore which tapers in a lower region (21) and in which the anchoring screw (12) can be received; and two limbs (25, 26) which extend upwards and which comprise a threaded profile (27) in an upper region, said threaded profile being designed for screwing on a securing screw. The receiving element (20) has an inner groove (24) which partly runs at least in the circumferential direction in the seat region of the anchoring screw head (18). The bone anchoring element also comprises a bearing element (40) for inserting into the inner groove (24) of the receiving element (20). The bearing element (40) is partly flattened on at least one side (47), and the groove and the bearing element are designed in a complementary manner such that the bearing element is positioned in the groove in a specified position.

IPC 8 full level
A61B 17/70 (2006.01)

CPC (source: EP US)
A61B 17/7032 (2013.01 - US); **A61B 17/7037** (2013.01 - EP US); **A61B 17/7038** (2013.01 - EP US)

Citation (search report)
See references of WO 2016192877A1

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 3100691 A1 20161207; **EP 3100691 B1 20191127**; AU 2016270183 A1 20180104; AU 2016270183 B2 20180719; EP 3302323 A1 20180411; US 10251677 B2 20190409; US 2018161072 A1 20180614; WO 2016192877 A1 20161208

DOCDB simple family (application)
EP 15170172 A 20150601; AU 2016270183 A 20160408; EP 16718268 A 20160408; EP 2016057810 W 20160408; US 201615577254 A 20160408