

Title (en)

LIGAMENT FIXATION SYSTEM, IMPLANTS, DEVICES, AND METHODS OF USE

Title (de)

BANDFIXIERUNGSSYSTEM, IMPLANTATE, VORRICHTUNGEN UND ANWENDUNGSMETHODEN

Title (fr)

SYSTÈME DE FIXATION DE LIGAMENT, IMPLANTS, DISPOSITIFS ET PROCÉDÉS D'UTILISATION

Publication

**EP 3681423 A4 20210602 (EN)**

Application

**EP 18856721 A 20180917**

Priority

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- US 2018051349 W 20180917

Abstract (en)

[origin: WO2019055923A1] Implants, devices, systems, and methods for achieving ligament fixation are disclosed. An implant is disclosed that includes a head member, a breakaway portion, and an anchor member. The anchor member may be coupled to the head member by the breakaway portion. The implant may be designed to fail in fatigue at the breakaway portion. The breakaway portion may thereby extend between a first end of the anchor member and a second end of the head member. The breakaway portion may comprise a circumferential groove. The groove may be configured to concentrate stress forces in situ such that a fatigue failure/fracture occurs at the groove. Insertion instruments for inserting an implant for ligament fixation are also disclosed. Methods of using an implant for achieving ligament fixation are also disclosed.

IPC 8 full level

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Citation (search report)

- [XA] US 2011184471 A1 20110728 - FOLEY KEVIN T [US], et al
- [XA] US 2012172936 A1 20120705 - HORRELL CHUCK [US], et al
- [X] DE 10015734 A1 20010913 - MED MEDICAL ENGINEERING DEV LT [GI]
- [X] DE 19943594 A1 20010412 - MERETE MEDICAL GMBH [DE]
- See references of WO 2019055923A1

Designated contracting state (EPC)

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