

Title (en)
MODULAR SEGMENTED INTRAMEDULLARY SYSTEM, APPARATUS AND ASSOCIATED METHODS

Title (de)
MODULARES SEGMENTIERTES INTRAMEDULLÄRES SYSTEM, GERÄT UND RELEVANTE VERFAHREN

Title (fr)
SYSTÈME INTRAMÉDULLAIRE SEGMENTÉ MODULAIRE, APPAREIL ET PROCÉDÉS ASSOCIÉS

Publication
EP 2309937 A2 20110420 (EN)

Application
EP 09751602 A 20090521

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- US 34545108 A 20081229

Abstract (en)
[origin: WO2009143374A2] A modular implantable segmented intramedullary structure (300) adapted to be received in the intramedullary canal of a bone configurable between a relatively flexible, bent configuration (307) for implantation or extraction and a relatively rigid, straightened compressed configuration (306) for bone treatment. The segmented intramedullary structure (300) comprises a plurality of interconnected segments (310) with a first interface (310) and a complementarily-shaped second interface (320) such that the first interface of a segment cooperatively engages the second interface of an adjacent segment. The segments define a channel (340) for a tensioning elongate member (350) to lock the structure in a compressed configuration. Methods of manufacturing, assembling, and/or treating a patient with the segmented intramedullary structure include options for real time customizable construction of the segmented intramedullary structure.

IPC 8 full level
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Citation (search report)
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Cited by
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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 SE SI SK TR

Designated extension state (EPC)
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