

Title (en)

ROTATIONAL ATHERECTOMY DEVICE WITH EXCHANGEABLE DRIVE SHAFT AND MESHING GEARS

Title (de)

ROTIERENDE ATHEREKTOMIEVORRICHTUNG MIT AUSWECHSELBARER ANTRIEBSWELLE UND ZAHNRÄDERN

Title (fr)

DISPOSITIF D'ATHÉRECTOMIE ROTATIONNELLE MUNI D'UN ARBRE D'ENTRAÎNEMENT ÉCHANGEABLE ET DE ROUES ENGRENÉES

Publication

EP 3215033 A4 20180704 (EN)

Application

EP 15856370 A 20151105

Priority

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Abstract (en)

[origin: WO2016073710A1] An atherectomy device with an exchangeable drive shaft is disclosed, having a drive shaft gear at a distal end of the exchangeable drive shaft for meshing engagement with a prime mover gear on the output shaft of the prime mover. The exchangeable drive shaft is inserted into an opening at the distal end of the handle housing and moved axially in a proximal direction. Surface features on at least the prime mover housing and the engageable drive shaft help to align the drive shaft gear with the prime mover gear for meshing engagement.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XP] US 2015073447 A1 20150312 - RYDBERG NICHOLAS W [US], et al
- [YDA] US 6077282 A 20000620 - SHTURMAN LEONID [US], et al
- [Y] WO 2014084983 A1 20140605 - GYRUS ACMI INC DBA OLYMPUS SURGICAL TECHNOLOGIES AMERICA [US]
- See references of WO 2016073710A1

Designated contracting state (EPC)

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