

Title (en)
BEDSIDE STEREOTACTIC ULTRASOUND GUIDANCE DEVICE, SYSTEM AND METHOD

Title (de)
BETTSEITIGE STEREOTAKTISCHE ULTRASCHALLFÜHRUNGSVORRICHTUNG, SYSTEM UND VERFAHREN

Title (fr)
DISPOSITIF, SYSTÈME ET PROCÉDÉ DE GUIDAGE PAR ULTRASONS STÉRÉOTACTIQUE DE CHEVET

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Application
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Abstract (en)
[origin: EP4066760A1] The present invention provides fixation devices, locking assemblies, and methods for using the same. The fixation devices of the invention are capable of accurate insertion of medical devices by providing detection means of a patient's internal anatomy and localizing a desired target. The devices are capable of locking into position to maintain accuracy.

IPC 8 full level
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Citation (search report)
• [XY] US 2016354163 A1 20161208 - ANDREWS ERIC [US], et al
• [X] US 2009118610 A1 20090507 - KARMARKAR PARAG V [US], et al
• [X] US 2008082108 A1 20080403 - SKAKOON JAMES G [US], et al
• [I] US 2011118710 A1 20110519 - BEGEMANN MALCOLM JON SIMON [NL], et al
• [YA] US 4681103 A 19870721 - BONER JAMES C [US], et al
• [A] WO 2017031340 A1 20170223 - PENN STATE RES FOUND [US]
• See also references of WO 2019046153A1

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