

Title (en)  
EXTENDABLE/RETRACTABLE SCREW-IN LEAD

Title (de)  
AUS- UND EINFAHRBARE SCHRAUBELEKTRODE

Title (fr)  
ELECTRODE VISSEE A DEPLOIEMENT/RETRACTION

Publication  
**EP 1105186 A2 20010613 (EN)**

Application  
**EP 99935821 A 19990722**

Priority  

- US 9916551 W 19990722
- US 12100598 A 19980722
- US 18422698 A 19981102

Abstract (en)  
[origin: WO0004948A2] A lead having an extendable and retractable fixation mechanism has a rotating terminal pin at the terminal end which rotates the fixation mechanism at the distal end. As the terminal pin is rotated, the fixation mechanism is extended or retracted from the distal end of the lead. A threaded collar allows for the fixation mechanism to smoothly extend and retract from the lead, and allows for a 1:1 turn ratio between the terminal pin and the fixation mechanism. A fluoroscopic ring disposed at the distal end of the lead provides information during the implantation process.  
[origin: WO0004948A2] A lead having an extendable and retractable fixation mechanism (120) has a rotating terminal pin at the terminal end which rotates the fixation mechanism at the distal end. As the terminal pin (310) is rotated, the fixation mechanism is extended or retracted from the distal end of the lead. A threaded collar allows for the fixation mechanism to smoothly extend and retract from the lead, and allows for a 1:1 turn ratio between the terminal pin and the fixation mechanism. A fluoroscopic ring (150) disposed at the distal end of the lead provides information during the implantation process.

IPC 1-7  
**A61N 1/05**; **A61N 1/375**

IPC 8 full level  
**A61N 1/05** (2006.01); **A61N 1/375** (2006.01)

CPC (source: EP)  
**A61N 1/056** (2013.01); **A61N 1/0573** (2013.01); **A61N 1/3752** (2013.01)

Citation (search report)  
See references of WO 0004948A2

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DOCDB simple family (publication)  
**WO 0004948 A2 20000203**; **WO 0004948 A3 20000602**; AU 5121799 A 20000214; EP 1105186 A2 20010613

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