

Title (en)  
TELESCOPING TIP ELECTRODE CATHETER

Title (de)  
KATHETER MIT TELESKOPSPITZENELEKTRODE

Title (fr)  
CATHETER A ELECTRODE A EXTREMITÉ TELESCOPIQUE

Publication  
**EP 1389061 A2 20040218 (EN)**

Application  
**EP 02764293 A 20020422**

Priority  
• US 0212663 W 20020422  
• US 28546801 P 20010420

Abstract (en)  
[origin: WO02085205A2] A medical device including a catheter and a telescoping mandrel with a tip electrode extending therethrough, the telescoping mandrel being moveable relative to the catheter shaft to extend from the catheter shaft distal end, thereby positioning the tip electrode at a distance from the catheter shaft distal end.

IPC 1-7  
**A61B 5/042**; **A61B 18/14**

IPC 8 full level  
**A61B 18/04** (2006.01); **A61B 5/042** (2006.01); **A61B 18/14** (2006.01); **A61M 25/00** (2006.01); **A61M 25/01** (2006.01)

CPC (source: EP US)  
**A61B 5/283** (2021.01 - EP US); **A61B 18/1492** (2013.01 - EP); **A61B 18/14** (2013.01 - EP); **A61B 2017/22038** (2013.01 - EP);  
**A61B 2018/00357** (2013.01 - EP); **A61B 2018/00952** (2013.01 - EP); **A61B 2018/1253** (2013.01 - EP); **A61B 2018/126** (2013.01 - EP);  
**A61B 2018/144** (2013.01 - EP)

Citation (search report)  
See references of WO 02085205A2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 02085205 A2 20021031**; **WO 02085205 A3 20030501**; AU 2002307473 A1 20021105; CA 2444312 A1 20021031; EP 1389061 A2 20040218;  
JP 2004536628 A 20041209

DOCDB simple family (application)  
**US 0212663 W 20020422**; AU 2002307473 A 20020422; CA 2444312 A 20020422; EP 02764293 A 20020422; JP 2002582790 A 20020422