

Title (en)  
Cardiac pacemakers.

Title (de)  
Herzschrittmacher.

Title (fr)  
Stimulateurs cardiaques.

Publication  
**EP 0000280 A1 19790110 (EN)**

Application  
**EP 78300093 A 19780627**

Priority  
• GB 2762577 A 19770701  
• US 91547878 A 19780614

Abstract (en)  
A cardiac pacemaker including implantable housing means (8), electrical signal generating means enclosed within said housing, an electrode conductor (6) for conveying pacing signals to the heart, and apparatus for maintaining sealable electrical interconnection between said generating means and said electrode. Said apparatus comprises a pair of terminal means (2,4) which cooperate through engageable camming surfaces (16,32) to clamp the lead between lead clamping jaws on a collet (20). The pacemaker housing may be bifurcated, with one portion containing the interconnection apparatus, and the other containing the pacemaker electronics and batteries. The two portions are assembled separately and subsequently combined structurally and electrically. One of the terminal means (4) is provided with appropriate slots (40) to engage protuberances from a spanner, thereby facilitating quick and accurate insertion or removal of the electrode conductor.

IPC 1-7  
**A61N 1/36**; **H01R 7/06**

IPC 8 full level  
**A61N 1/375** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP)  
**A61N 1/3752** (2013.01); **H01R 24/40** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)  
• CH 457639 A 19680615 - CONTRAVES AG [CH]  
• FR 2062750 A5 19710625 - CAMERA JULIEN  
• FR 2224894 A1 19741031 - LINDSAY SPECIALTY PROD LTD [CA]  
• GB 1304140 A 19730124  
• US 3760332 A 19730918 - BERKOVITS B, et al  
• US 4010757 A 19770308 - JULA JAMES L, et al  
• US 2973219 A 19610228 - SIDNEY ZALK  
• US 3842842 A 19741022 - KENNY J, et al

Cited by  
US5789367A; EP0006281A1; US7092765B2; WO2004026393A3

Designated contracting state (EPC)  
DE FR GB NL SE

DOCDB simple family (publication)  
**EP 0000280 A1 19790110**; AU 3753378 A 19800103; IT 1156843 B 19870204; IT 7850106 A0 19780629

DOCDB simple family (application)  
**EP 78300093 A 19780627**; AU 3753378 A 19780628; IT 5010678 A 19780629