

Title (en)
BIOSTABLE POLYURETHANE PRODUCTS

Publication
EP 0548256 A4 19930707 (EN)

Application
EP 91917608 A 19910912

Priority
US 58101390 A 19900912

Abstract (en)
[origin: WO9204390A1] Polyurethane products having long-term biostability in combination with a low modulus of elasticity and a high ultimate tensile strength and other desirable mechanical properties which are particularly useful as leads for implantable pacemakers, as vascular grafts, as mammary prostheses, and as other products which are intended to be placed within the body of a mammal for extended periods with no substantial degradation of the product. The polyurethanes are prepared from the reaction of an organic diisocyanate, preferably an aliphatic or cycloaliphatic diisocyanate with polycarbonate glycol chained extended with diol, diamine or a mixture of diamine and alkanolamine.

IPC 1-7
C08G 18/44; **A61L 27/00**

IPC 8 full level
A61L 27/18 (2006.01); **C08G 18/10** (2006.01); **C08G 18/44** (2006.01)

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C-Set (source: EP)
1. **A61L 27/18** + **C08L 75/04**
2. **C08G 18/10** + **C08G 18/32**

Citation (search report)
• [X] DE 3643465 A1 19880707 - AKZO GMBH [DE]
• [X] FR 2546170 A1 19841123 - AKZO NV [NL]
• [E] EP 0461375 A1 19911218 - CORVITA CORP [US]
• See references of WO 9204390A1

Designated contracting state (EPC)
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WO 9204390 A1 19920319; AU 664158 B2 19951109; AU 8645491 A 19920330; CA 2091564 A1 19920313; EP 0548256 A1 19930630; EP 0548256 A4 19930707

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