

Title (en)  
BONE XENOGRAFTS

Title (de)  
KNOCHENXENOTRANSPLANTATE

Title (fr)  
XENOGREFFES OSSEUSES

Publication  
**EP 1061866 A1 20001227 (EN)**

Application  
**EP 99913897 A 19990315**

Priority  
• US 9905661 W 19990315  
• US 7813998 P 19980316  
• US 10075598 P 19980917

Abstract (en)  
[origin: WO9947080A1] The invention provides an article of manufacture comprising a substantially non-immunogenic bone xenograft for implantation into humans. The invention further provides a method for preparing a bone xenograft by removing at least a portion of a bone from a non-human animal to provide a xenograft (X); washing the xenograft in saline and alcohol; subjecting the xenograft to a cellular disruption treatment; and treating the xenograft with a glycosidase to remove surface carbohydrate moieties. The invention also provides an article of manufacture produced by the above identified method of invention. The invention further provides a bone xenograft for implantation into a human including a portion (10) of a bone from a nonhuman animal, wherein the portion has substantially no surface carbohydrate moieties which are susceptible to glycosidase digestion. Each xenograft of the invention has substantially the same mechanical properties as a corresponding native bone.

IPC 1-7  
**A61F 2/28**

IPC 8 full level  
**A61F 2/28** (2006.01); **A61L 27/36** (2006.01); **A61F 2/30** (2006.01)

CPC (source: EP)  
**A61F 2/28** (2013.01); **A61L 2/204** (2013.01); **A61L 2/206** (2013.01); **A61L 27/36** (2013.01); **A61L 27/3608** (2013.01); **A61L 27/365** (2013.01); **A61L 27/3687** (2013.01); **A61L 27/3691** (2013.01); **A61F 2/3094** (2013.01); **A61F 2002/2835** (2013.01); **A61L 2430/02** (2013.01)

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

DOCDB simple family (publication)  
**WO 9947080 A1 19990923**; AU 3186899 A 19991011; AU 755316 B2 20021212; CA 2323866 A1 19990923; EP 1061866 A1 20001227; EP 1061866 A4 20030716; JP 2002506677 A 20020305

DOCDB simple family (application)  
**US 9905661 W 19990315**; AU 3186899 A 19990315; CA 2323866 A 19990315; EP 99913897 A 19990315; JP 2000536323 A 19990315