

Title (en)

BONE CAP AND METHOD OF MAKING SAME.

Title (de)

KNOCHENPESSAR UND HERSTELLUNGSMETHODE.

Title (fr)

COIFFE POUR OS ET SON PROCEDE DE FABRICATION.

Publication

**EP 0681461 A4 19960904 (EN)**

Application

**EP 94905488 A 19931221**

Priority

- US 9312493 W 19931221
- US 1055193 A 19930128

Abstract (en)

[origin: WO9416638A1] A bone cap implant (10) of the type used to cover a remaining portion of a resected bone, such as metatarsal, metacarpal or phalangeal bones. The bone cap serves as an articulation surface for the proximal phalanx in the metatarsophalangeal, metacarpophalangeal or interphalangeal joints. A method of making the bone cap by forming an existent tubular sleeve (12) made of expanded PTFE integrally bonded to non-expanded PTFE (14) without the use of adhesives. A method of forming a structure onto an existent structure, such as one made of expanded PTFE, by sintering without the use of adhesives.

IPC 1-7

**A61B 19/00**; **A61F 2/02**; **A61F 2/04**; **A61F 2/28**; **A61F 2/30**; **A61F 2/54**

IPC 8 full level

**A61F 2/28** (2006.01); **A61F 2/42** (2006.01); **A61L 27/16** (2006.01); **B29C 35/02** (2006.01); **B29C 70/76** (2006.01); **A61F 2/30** (2006.01); **B29C 43/00** (2006.01); **B29C 67/04** (2006.01)

CPC (source: EP)

**A61F 2/2814** (2013.01); **A61F 2/4225** (2013.01); **A61F 2/4241** (2013.01); **A61L 27/16** (2013.01); **B29C 35/0266** (2013.01); **B29C 70/766** (2013.01); **A61F 2/3094** (2013.01); **A61F 2002/30957** (2013.01); **A61F 2002/30968** (2013.01); **A61F 2002/4228** (2013.01); **A61F 2002/4233** (2013.01); **A61F 2002/4251** (2013.01); **B29C 43/00** (2013.01); **B29C 67/04** (2013.01); **B29K 2027/18** (2013.01); **B29L 2031/7532** (2013.01)

Citation (search report)

- [A] EP 0284545 A1 19880928 - MECRON MED PROD GMBH [DE]
- [DA] WO 9006150 A1 19900614 - GORE & ASS [US]
- [DA] US 5032445 A 19910716 - SCANTLEBURY TODD V [US], et al
- [A] EP 0039183 A1 19811104 - GORE & ASS [US]
- [A] DE 3017798 A1 19811119 - LINK WALDEMAR GMBH CO [DE]
- [A] WO 8805648 A1 19880811 - SHERVA PARKER CAROLE J [US]
- See references of WO 9416638A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9416638 A1 19940804**; AU 5958194 A 19940815; AU 684744 B2 19980108; CA 2154658 A1 19940804; EP 0681461 A1 19951115; EP 0681461 A4 19960904; JP H08506496 A 19960716

DOCDB simple family (application)

**US 9312493 W 19931221**; AU 5958194 A 19931221; CA 2154658 A 19931221; EP 94905488 A 19931221; JP 51701794 A 19931221