

Title (en)  
SYSTEM AND METHOD FOR JOINT RESURFACE REPAIR

Title (de)  
SYSTEM UND VERFAHREN FÜR DIE REPARATUR VON GELENKOBERFLÄCHEN

Title (fr)  
SYSTEME ET PROCEDE SERVANT A REPARER LA SURFACE D'UNE ARTICULATION

Publication  
**EP 1455666 A4 20090610 (EN)**

Application  
**EP 01997077 A 20011217**

Priority  
• US 0148821 W 20011217  
• US 2407701 A 20011217  
• US 16253302 A 20020604  
• US 20104900 P 20000501

Abstract (en)  
[origin: WO03051210A2] An implant for installation into a portion of an articular surface includes a protrusion configured to cover and un-excised portion of articular surface proximate to the implant. Another implant may form a cavity to allow the un-excised portion of articular surface to remodel over a perimeter edge of the implant. The implant may also include indentations such as grooves to promote articular cartilage remodeling over a portion of the load bearing surface of the implant. An elongated or non-round implant is also provided having two opposing concentric arcuate shaped sides, as well as a method to seat such an implant in an articular surface. A method for seating an implant without cutting articular cartilage is also provided.

IPC 1-7  
**A61B 17/68**

IPC 8 full level  
**A61B 17/56** (2006.01); **A61B 17/04** (2006.01); **A61B 17/16** (2006.01); **A61B 17/17** (2006.01); **A61B 17/58** (2006.01); **A61B 17/68** (2006.01); **A61B 17/88** (2006.01); **A61B 19/00** (2006.01); **A61F 2/30** (2006.01); **A61F 2/46** (2006.01); **A61F 2/64** (2006.01); **A61F 2/76** (2006.01); **A61B 17/00** (2006.01); **A61B 17/06** (2006.01); **A61B 17/32** (2006.01); **A61B 17/86** (2006.01); **A61F 2/00** (2006.01); **A61F 2/38** (2006.01)

CPC (source: EP)  
**A61B 17/0401** (2013.01); **A61B 17/1615** (2013.01); **A61B 17/1675** (2013.01); **A61B 17/1764** (2013.01); **A61B 17/8615** (2013.01); **A61B 17/888** (2013.01); **A61B 90/06** (2016.02); **A61F 2/30756** (2013.01); **A61F 2/30942** (2013.01); **A61F 2/4618** (2013.01); **A61F 2/4657** (2013.01); **A61B 5/4528** (2013.01); **A61B 17/0487** (2013.01); **A61B 17/06166** (2013.01); **A61B 17/1635** (2013.01); **A61B 17/1637** (2013.01); **A61B 17/32053** (2013.01); **A61B 17/8625** (2013.01); **A61B 17/863** (2013.01); **A61B 17/8695** (2013.01); **A61B 17/8805** (2013.01); **A61B 17/8827** (2013.01); **A61B 17/8875** (2013.01); **A61B 17/8894** (2013.01); **A61B 2017/00238** (2013.01); **A61B 2017/00464** (2013.01); **A61B 2017/0404** (2013.01); **A61B 2017/0409** (2013.01); **A61B 2017/044** (2013.01); **A61B 2017/0445** (2013.01); **A61B 2017/0448** (2013.01); **A61B 2017/045** (2013.01); **A61B 2090/061** (2016.02); **A61F 2/30767** (2013.01); **A61F 2/3859** (2013.01); **A61F 2/4603** (2013.01); **A61F 2002/30065** (2013.01); **A61F 2002/30069** (2013.01); **A61F 2002/30113** (2013.01); **A61F 2002/30143** (2013.01); **A61F 2002/30225** (2013.01); **A61F 2002/30299** (2013.01); **A61F 2002/30324** (2013.01); **A61F 2002/30332** (2013.01); **A61F 2002/30354** (2013.01); **A61F 2002/30433** (2013.01); **A61F 2002/30448** (2013.01); **A61F 2002/30451** (2013.01); **A61F 2002/30604** (2013.01); **A61F 2002/30719** (2013.01); **A61F 2002/30772** (2013.01); **A61F 2002/30831** (2013.01); **A61F 2002/30858** (2013.01); **A61F 2002/30871** (2013.01); **A61F 2002/30873** (2013.01); **A61F 2002/30878** (2013.01); **A61F 2002/30879** (2013.01); **A61F 2002/30892** (2013.01); **A61F 2002/30896** (2013.01); **A61F 2002/30943** (2013.01); **A61F 2002/30948** (2013.01); **A61F 2002/30952** (2013.01); **A61F 2002/30957** (2013.01); **A61F 2002/4635** (2013.01); **A61F 2002/4658** (2013.01); **A61F 2002/4661** (2013.01); **A61F 2002/4662** (2013.01); **A61F 2002/4663** (2013.01); **A61F 2002/4681** (2013.01); **A61F 2210/0071** (2013.01); **A61F 2220/0033** (2013.01); **A61F 2220/0041** (2013.01); **A61F 2220/005** (2013.01); **A61F 2220/0058** (2013.01); **A61F 2230/0006** (2013.01); **A61F 2230/0017** (2013.01); **A61F 2230/0069** (2013.01); **A61F 2230/0093** (2013.01); **A61F 2250/0036** (2013.01); **A61F 2250/0092** (2013.01); **A61F 2310/00017** (2013.01); **A61F 2310/00023** (2013.01); **A61F 2310/00029** (2013.01); **A61F 2310/00059** (2013.01); **A61F 2310/00089** (2013.01); **A61F 2310/00095** (2013.01); **A61F 2310/00203** (2013.01); **A61F 2310/00239** (2013.01); **A61F 2310/00796** (2013.01)

Citation (search report)  
• [X] WO 0182677 A2 20011108 - STD MFG INC [US], et al  
• [X] US 4896663 A 19900130 - VANDEWALLS MARK V [US]  
• See references of WO 03051211A1

Cited by  
US11660195B2; US11298747B2; US11684478B2; US10614176B2; US11759323B2; US12102538B2; US10398559B2; US10525688B2; US10716673B2; US11155073B2; US11186077B2; US11510783B2; US11918474B2; US12011355B2

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 03051210 A2 20030626**; **WO 03051210 A3 20040325**; AT E427701 T1 20090415; AU 2001259327 B2 20050217; AU 2002248198 A1 20030630; AU 2002357284 A1 20030630; AU 2002357284 B2 20070816; AU 5932701 A 20011112; CA 2407440 A1 20011108; CA 2470194 A1 20030626; CA 2470194 C 20110201; CA 2470936 A1 20030626; CA 2470936 C 20120207; DE 60138275 D1 20090520; DK 1278460 T3 20090810; EP 1278460 A2 20030129; EP 1278460 A4 20041013; EP 1278460 B1 20090408; EP 1455665 A2 20040915; EP 1455665 A4 20090610; EP 1455666 A1 20040915; EP 1455666 A4 20090610; EP 2062541 A2 20090527; EP 2062541 A3 20090812; EP 2062541 B1 20180711; EP 2481368 A1 20120801; EP 2481368 B1 20141217; ES 2324282 T3 20090804; JP 2003531657 A 20031028; JP 2005511238 A 20050428; JP 2005512632 A 20050512; WO 0182677 A2 20011108; WO 0182677 A3 20020411; WO 03051211 A1 20030626

DOCDB simple family (application)  
**US 0240310 W 20021217**; AT 01932833 T 20010501; AU 2001259327 A 20010501; AU 2002248198 A 20011217; AU 2002357284 A 20021217; AU 5932701 A 20010501; CA 2407440 A 20010501; CA 2470194 A 20021217; CA 2470936 A 20011217; DE 60138275 T 20010501; DK 01932833 T 20010501; EP 01932833 A 20010501; EP 01997077 A 20011217; EP 02805182 A 20021217; EP 09002088 A 20010501;

EP 12002103 A 20011217; ES 01932833 T 20010501; JP 2001579575 A 20010501; JP 2003552147 A 20021217; JP 2003552148 A 20011217;  
US 0114061 W 20010501; US 0148821 W 20011217