

Title (en)  
EXPANDABLE INTERVERTEBRAL CAGE WITH LIVING HINGES APPARATUS, SYSTEMS AND METHODS OF MANUFACTURE THEREOF

Title (de)  
EXPANDIERBARER BANDSCHEIBEN-CAGE MIT FILMSCHARNIERVORRICHTUNG, SYSTEME UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)  
CAGE INTERVERTÉBRALE EXTENSIBLE AVEC DISPOSITIF À CHARNIÈRES VIVANTES, SYSTÈMES ET PROCÉDÉS DE FABRICATION ASSOCIÉS

Publication  
**EP 3344170 A4 20190403 (EN)**

Application  
**EP 15903187 A 20150830**

Priority  
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Abstract (en)  
[origin: WO2017039596A1] An expandable intervertebral cage with living hinges manufactured using 3D printing. The intervertebral cage is configured to expand from an unexpanded to an expanded configuration. The intervertebral cage can include a deployment system, such as a variable volume pouch or deployment cable, to apply force to the intervertebral cage to deploy the intervertebral cage.

IPC 8 full level  
**A61B 17/70** (2006.01); **A61F 2/30** (2006.01); **A61F 2/44** (2006.01); **A61F 2/46** (2006.01)

CPC (source: EP KR)  
**A61F 2/30942** (2013.01 - KR); **A61F 2/4455** (2013.01 - EP KR); **A61F 2/447** (2013.01 - EP KR); **A61F 2/4611** (2013.01 - EP KR); **B33Y 10/00** (2014.12 - EP); **B33Y 80/00** (2014.12 - EP); **A61F 2/30942** (2013.01 - EP); **A61F 2/4603** (2013.01 - EP); **A61F 2002/30143** (2013.01 - EP); **A61F 2002/30261** (2013.01 - EP); **A61F 2002/30471** (2013.01 - EP KR); **A61F 2002/30545** (2013.01 - EP KR); **A61F 2002/3055** (2013.01 - EP); **A61F 2002/30556** (2013.01 - EP); **A61F 2002/30581** (2013.01 - EP); **A61F 2002/30588** (2013.01 - EP); **A61F 2002/30593** (2013.01 - EP KR); **A61F 2002/30836** (2013.01 - EP); **A61F 2002/3084** (2013.01 - EP KR); **A61F 2002/30841** (2013.01 - KR); **A61F 2002/30957** (2013.01 - EP); **A61F 2002/30985** (2013.01 - EP KR); **A61F 2002/4627** (2013.01 - EP); **A61F 2310/00023** (2013.01 - EP); **A61F 2310/00389** (2013.01 - EP); **A61F 2310/00598** (2013.01 - EP); **A61F 2310/0097** (2013.01 - EP)

Citation (search report)  
• [YDA] US 2015230929 A1 20150820 - LORIO MORGAN PACKARD [US]  
• [YA] US 2005177237 A1 20050811 - SHAPPLEY BEN [US], et al  
• See references of WO 2017039596A1

Designated contracting state (EPC)  
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