

Title (en)

BIOMIMETIC POLYMERIC COMPOSITE FOR HEART VALVE REPAIR

Title (de)

BIOMIMETISCHER POLYMERER VERBUNDSTOFF ZUR REPARATUR VON HERZKLAPPEN

Title (fr)

COMPOSITE POLYMÈRE BIOMIMÉTIQUE POUR RÉPARATION DE VALVULE CARDIAQUE

Publication

**EP 4081270 A4 20240117 (EN)**

Application

**EP 20904883 A 20201224**

Priority

- US 201962953768 P 20191226
- US 202062976252 P 20200213
- US 2020067002 W 20201224

Abstract (en)

[origin: WO2021134006A1] A biomimetic, polymeric composite biomaterial designed as a heart valve leaflet substitute that can be used for heart valve repair and/or to fabricate a new-generation of durable heart valve prosthesis.

IPC 8 full level

**A61L 27/18** (2006.01); **A61B 17/12** (2006.01); **A61F 2/24** (2006.01); **C08G 18/42** (2006.01)

CPC (source: EP)

**A61F 2/2412** (2013.01); **A61F 2/2415** (2013.01); **A61L 27/48** (2013.01); **A61L 33/0005** (2013.01); **A61L 33/068** (2013.01); **B32B 5/022** (2013.01); **B32B 5/18** (2013.01); **B32B 5/245** (2013.01); **B32B 27/065** (2013.01); **B32B 27/365** (2013.01); **B32B 27/40** (2013.01); **C08L 75/06** (2013.01); **A61L 2430/20** (2013.01); **B32B 2250/03** (2013.01); **B32B 2262/02** (2013.01); **B32B 2262/0253** (2013.01); **B32B 2266/0264** (2013.01); **B32B 2266/0278** (2013.01); **B32B 2307/54** (2013.01); **B32B 2307/56** (2013.01); **B32B 2307/706** (2013.01); **B32B 2535/00** (2013.01); **B32B 2556/00** (2013.01); **C08G 2101/00** (2013.01)

Citation (search report)

- [A] US 5133742 A 19920728 - PINCHUK LEONARD [US]
- See references of WO 2021134006A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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