

Title (en)

A METHOD FOR MANUFACTURING PERSONALIZED NATURALLY DESIGNED MITRAL PROSTHESIS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER PERSONALISIERTEN MITRALPROTHESE MIT NATÜRLICHEM DESIGN

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE PROTHÈSE MITRALE PERSONNALISÉE NATURELLEMENT CONÇUE

Publication

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Application

EP 21788447 A 20210415

Priority

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Abstract (en)

[origin: WO2021211062A1] A personalized naturally designed mitral valve prosthesis and a method for manufacturing the such to precisely fit a specific patient for which the valve prosthesis is made for, is provided. The method includes measuring size and shape of a mitral valve of the specific patient by using imaging means, building a 3D model of the personalized mitral valve prosthesis, optimizing the 3D model using FEM method and fabricating the personalized mitral valve prosthesis by cutting and connecting the annular ring, leaflets and chords to form a personalized prosthesis mitral valve.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [XI] US 2019321168 A1 20191024 - KOFIDIS THEODOROS [SG]
- [XI] US 2010152839 A1 20100617 - SHANDAS ROBIN [US], et al
- See references of WO 2021211062A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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