

Title (en)  
REINFORCED PROSTHETIC VALVES

Title (de)  
VERSTÄRKTE KLAPPENPROTHESE

Title (fr)  
PROTHÈSES VALVULAIRES RENFORCÉES

Publication  
**EP 4294327 A1 20231227 (EN)**

Application  
**EP 21926982 A 20210218**

Priority  
• US 2021018506 W 20210218  
• US 202117178562 A 20210218

Abstract (en)  
[origin: WO2022177562A1] A prosthetic valve comprising a conical shaped sheet structure and a support structure, the sheet structure having a closed distal end and a plurality of elongated ribbon members that are positioned proximate each other in a joined relationship, whereby the ribbon members form a plurality of fluid flow modulating regions that close when fluid flow through the valve exhibits a negative flow pressure and open when fluid flow through the valve exhibits a positive flow pressure, the support structure having at least one elongated cardiovascular structure engagement member that is associated with one of the ribbon members and adapted to engage a cardiovascular structure.

IPC 8 full level  
**A61F 2/24** (2006.01)

CPC (source: EP)  
**A61F 2/2412** (2013.01); **A61F 2/2418** (2013.01)

Citation (search report)  
See references of WO 2022177562A1

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022177562 A1 20220825**; EP 4294327 A1 20231227

DOCDB simple family (application)  
**US 2021018506 W 20210218**; EP 21926982 A 20210218