

Title (en)  
WRIST ENDOPROTHESIS

Title (de)  
HANDGELENKSENDOPROTHESE

Title (fr)  
ENDOPROTHÈSE DE POIGNET

Publication  
**EP 3975904 A1 20220406 (DE)**

Application  
**EP 20728731 A 20200526**

Priority  
• DE 102019114314 A 20190528  
• EP 2020064595 W 20200526

Abstract (en)  
[origin: WO2020239777A1] The invention relates to a wrist endoprosthesis (2) for functional replacement of the human wrist, comprising a radius component (4) that has a shaft (10) for anchoring in the radius, a head (12) and a first joint surface (16) which is formed on a distal head face (14); and comprising a carpal component (6) that has a proximal carpal face (22), a distal carpal face (20) and a second joint surface (24) which is formed on the proximal carpal face (22) and interacts with the first joint surface (16) of the radius component (4); characterised in that the carpal component (6) is substantially trough shaped, in order to at least partially surround the carpal bone. The invention also relates to a wrist endoprosthesis (2) having luxation protection (8), to a method for producing wrist endoprostheses (2), and to a computer program product.

IPC 8 full level  
**A61B 34/10** (2016.01); **A61B 17/00** (2006.01); **A61B 17/15** (2006.01); **A61B 17/17** (2006.01); **A61B 17/56** (2006.01); **A61B 90/00** (2016.01); **A61F 2/30** (2006.01); **A61F 2/42** (2006.01); **B22F 3/105** (2006.01); **B33Y 80/00** (2015.01)

CPC (source: EP US)  
**A61B 34/10** (2016.02 - EP); **A61F 2/30734** (2013.01 - EP); **A61F 2/30767** (2013.01 - EP); **A61F 2/30942** (2013.01 - EP); **A61F 2/4261** (2013.01 - EP US); **B22F 10/18** (2021.01 - EP); **B33Y 80/00** (2014.12 - EP); **A61B 2017/00526** (2013.01 - EP); **A61B 2017/568** (2013.01 - EP); **A61B 2034/102** (2016.02 - EP); **A61B 2034/105** (2016.02 - EP); **A61B 2034/108** (2016.02 - EP); **A61F 2002/30011** (2013.01 - EP); **A61F 2002/30028** (2013.01 - EP); **A61F 2002/30285** (2013.01 - EP); **A61F 2002/30286** (2013.01 - EP); **A61F 2002/30322** (2013.01 - EP); **A61F 2002/30324** (2013.01 - US); **A61F 2002/30462** (2013.01 - EP); **A61F 2002/30624** (2013.01 - US); **A61F 2002/30649** (2013.01 - EP); **A61F 2002/30772** (2013.01 - EP); **A61F 2002/3082** (2013.01 - US); **A61F 2002/3092** (2013.01 - EP); **A61F 2002/3093** (2013.01 - EP); **A61F 2002/30943** (2013.01 - EP US); **A61F 2002/30948** (2013.01 - EP US); **A61F 2002/30952** (2013.01 - EP US); **A61F 2002/30968** (2013.01 - EP); **A61F 2002/3097** (2013.01 - EP); **A61F 2002/30985** (2013.01 - EP); **A61F 2002/4264** (2013.01 - EP US); **A61F 2002/4287** (2013.01 - EP US); **A61F 2220/0025** (2013.01 - EP); **A61F 2250/0023** (2013.01 - EP); **A61F 2250/0024** (2013.01 - EP); **B29C 64/112** (2017.07 - EP); **B29C 64/118** (2017.07 - EP); **B29C 64/124** (2017.07 - EP); **B29C 64/147** (2017.07 - EP); **B29C 64/268** (2017.07 - EP); **B33Y 10/00** (2014.12 - EP); **G05B 2219/45166** (2013.01 - EP); **G05B 2219/45168** (2013.01 - EP); **G06F 30/00** (2020.01 - EP); **G06T 2207/10121** (2013.01 - EP); **Y02P 10/25** (2015.11 - EP)

Citation (search report)  
See references of WO 2020239777A1

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

DOCDB simple family (publication)  
**WO 2020239777 A1 20201203**; DE 102019114314 A1 20201203; EP 3975904 A1 20220406; US 2022233325 A1 20220728

DOCDB simple family (application)  
**EP 2020064595 W 20200526**; DE 102019114314 A 20190528; EP 20728731 A 20200526; US 202017614448 A 20200526