

Title (en)
Endoprosthesis.

Title (de)
Endoprothese.

Title (fr)
Endoprothèse.

Publication
EP 0000549 A1 19790207 (DE)

Application
EP 78100449 A 19780720

Priority
DE 2734249 A 19770729

Abstract (en)
The endoprosthesis consists of a stem-shaped implant which is inserted into the bone, the implant consisting of two parts (1, 8). The one part (1) is designed as a hollow cylinder, which is provided on the inner side with axial grooves (6) and on the outer side with a thread (4). The top end of this part widens conically (3). The other part (8) consists of a solid cylinder (8) which can be inserted into the hollow cylinder with positive locking and has a conical widening (10) corresponding to the end section of the hollow cylinder. On the axial part there are ridges (12) in the longitudinal direction, which engage in the grooves (6) of the hollow cylindrical part (1). <IMAGE>

Abstract (de)
Die Endoprothese besteht aus einem stiel förmigen Implantat das in den Knochen eingesetzt wird wobei das Implantat aus zwei Teilen (1,8) besteht. Der eine Teil (1) ist als Hohlzylinder ausgebildet, der auf der Innenseite mit axialen Nuten (6) und auf der Aussenseite mit einem Gewinde (4) versehen ist. Das obere Ende des Teiles läuft konisch (3) aus. Das andere Teil (8) besteht aus einem in den Hohlzylinder formschlüssig einsteckbaren Vollzylinder (8) wenn einer dem Endabschnitt des Hohlzylinders entsprechenden konischen Erweiterung (10). Am axialen Teil befindet sich Stege (12) in Längsrichtung, die in die Nuten (6) des hohlzylindrischen Teiles (1) eingreifen.

IPC 1-7
A61F 1/00; A61C 8/00

IPC 8 full level
A61C 8/00 (2006.01); **A61F 2/32** (2006.01); **A61F 2/36** (2006.01); **A61F 2/00** (2006.01); **A61F 2/30** (2006.01)

CPC (source: EP)
A61C 8/0022 (2013.01); **A61C 8/005** (2013.01); **A61C 8/0054** (2013.01); **A61C 8/0066** (2013.01); **A61C 8/0069** (2013.01); **A61F 2/36** (2013.01); **A61C 8/0071** (2013.01); **A61F 2/3609** (2013.01); **A61F 2/367** (2013.01); **A61F 2002/30171** (2013.01); **A61F 2002/3021** (2013.01); **A61F 2002/30332** (2013.01); **A61F 2002/30367** (2013.01); **A61F 2002/30507** (2013.01); **A61F 2002/3054** (2013.01); **A61F 2002/30593** (2013.01); **A61F 2002/30604** (2013.01); **A61F 2002/30774** (2013.01); **A61F 2002/3085** (2013.01); **A61F 2002/3694** (2013.01); **A61F 2220/0025** (2013.01); **A61F 2220/0033** (2013.01); **A61F 2230/005** (2013.01); **A61F 2230/0067** (2013.01)

Citation (search report)
• [X] FR 2295729 A1 19760723 - MAHAY ET CIE [FR]
• [P] DE 2621666 A1 19771124 - REIMER HANS DR
• [P] FR 2366005 A2 19780428 - MAHAY CIE [FR]
• CH 543881 A 19731115 - MATHYS ROBERT [CH]
• [A] DE 2318396 A1 19741031 - FELDMUEHLE ANLAGEN PROD
• [A] DE 2340546 A1 19750227 - PFAUDLER WERKE AG

Cited by
EP1396236A1; FR2575383A1; US6007336A; EP0126624A3; EP1013242A3; FR2746001A1; EP0099403A4; US5961555A; FR2606273A1; US4608055A; AU656904B2; EP0313222A3; CN105411726A; FR2666221A1; US4578081A; FR2616060A1; EP0124443A3; EP0485311A1; FR2668702A1; FR2581336A1; EP0951248A4; EP0843989A1; EP0651975A1; US5133760A; US4624673A; US5725594A; EP0437401A1; EP0198163A3; EP0163121A1; US5816809A; FR2748389A1; US5108449A; DE3535158A1; EP0228511A3; FR2692776A1; US4865605A; US4851007A; EP1145692A3; EP1364630A3; EP1319374A1; EP0504119A1; EP0400224A3; US5080676A; US6190416B1; WO9822038A1; US7588602B2; FR2763501A1; EP0547354A1; US5336268A; EP0474015A1; DE4028510A1; US5137535A; FR2640497A1; US4846839A; EP0038897A1; FR2481596A1; WO8600011A1; WO2004112659A1; WO9733538A1; WO9615739A1; WO9222260A1; US9763793B2; US10736747B2; US6913624B2; US6332896B1; EP1145692A2; EP2525737B1

Designated contracting state (EPC)
BE CH DE FR GB NL

DOCDB simple family (publication)
EP 0000549 A1 19790207; DE 2734249 A1 19790208; IT 7826183 A0 19780727; JP S5427295 A 19790301

DOCDB simple family (application)
EP 78100449 A 19780720; DE 2734249 A 19770729; IT 2618378 A 19780727; JP 9103878 A 19780727