

Title (en)  
BIOCOMPATIBLE COATED IMPLANT

Title (de)  
BIOKOMPATIBLES BESCHICHTETES IMPLANTAT

Title (fr)  
IMPLANT ENROB BIOCOMPATIBLE

Publication  
**EP 1223993 A1 20020724 (DE)**

Application  
**EP 00974413 A 20001018**

Priority  
• DE 19950386 A 19991019  
• EP 0010262 W 20001018

Abstract (en)  
[origin: DE19950386A1] The invention relates to an object, especially an implant, comprising a substrate which is at least partially coated with at least one layer and on which a substance containing protein, peptide and/or saccharide is at least partially deposited. The layer directly adjacent to the substance contains at least one metal selected among titanium, zirconium and hafnium or contains a compound thereof having one or more non-metals and/or semiconductors, or an alloy thereof with one or more other metals, and said layer is deposited using a vacuum coating method. The invention also relates to a method for producing the object, during which the layer is deposited on the substrate under vacuum, and relates to the use of said object.

IPC 1-7  
**A61L 31/08**; **A61L 31/10**; **A61L 33/00**; **A61L 33/02**; **A61L 31/12**

IPC 8 full level  
**A61F 2/82** (2013.01); **A61L 31/00** (2006.01); **A61L 31/08** (2006.01); **A61L 31/10** (2006.01); **A61L 31/12** (2006.01); **A61L 33/00** (2006.01); **A61L 33/02** (2006.01)

CPC (source: EP US)  
**A61L 31/088** (2013.01 - EP US); **A61L 31/10** (2013.01 - EP US); **A61L 31/12** (2013.01 - EP US); **A61L 33/0011** (2013.01 - EP US); **A61L 33/02** (2013.01 - EP US); **Y10T 428/12007** (2015.01 - EP US); **Y10T 428/12229** (2015.01 - EP US); **Y10T 428/26** (2015.01 - EP US)

Citation (search report)  
See references of WO 0128605A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19950386 A1 20010510**; AU 1273201 A 20010430; BR 0014883 A 20020611; CA 2388153 A1 20010426; CN 1379689 A 20021113; EP 1223993 A1 20020724; JP 2003512098 A 20030402; PL 357497 A1 20040726; US 2003044596 A1 20030306; WO 0128605 A1 20010426

DOCDB simple family (application)  
**DE 19950386 A 19991019**; AU 1273201 A 20001018; BR 0014883 A 20001018; CA 2388153 A 20001018; CN 00814410 A 20001018; EP 0010262 W 20001018; EP 00974413 A 20001018; JP 2001531433 A 20001018; PL 35749700 A 20001018; US 52108600 A 20000307