Title (en)

RADIOPAQUE STENT COMPOSED OF A BINARY ALLOY

Title (de)

RÖNTGENOPAKER STENT AUS EINER BINÄREN LEGIERUNG

Title (fr)

STENT RADIO-OPAQUE EN ALLIAGE BINAIRE

Publication

EP 1301224 A1 20030416 (EN)

Application

EP 01948783 A 20010628

Priority

- US 0120512 W 20010628
- US 61627300 A 20000714

Abstract (en)

[origin: WO0205863A1] A tubular stent formed from a binary alloy whose primary constituent elements are either tantalum-tungsten or tantalum-niobium. The stent providing optimum radiopacity for real time visualization of the stent during a stent placement procedure, where fluoroscopy is used as the visualization method. The binary alloy may be embodied in a multitude of stent patterns.

IPC 1-7

A61L 31/02; A61F 2/06; C22C 27/02

IPC 8 full level

A61F 2/06 (2006.01); **A61F 2/84** (2006.01); **A61F 2/90** (2006.01); **A61F 2/91** (2013.01); **A61F 2/915** (2013.01); **A61L 29/00** (2006.01); **A61L 31/02** (2006.01); **A61L 31/18** (2006.01); **C22C 27/02** (2006.01); A61F 2/00 (2006.01)

CPC (source: EP)

A61F 2/91 (2013.01); **A61F 2/915** (2013.01); **A61L 31/022** (2013.01); **A61L 31/18** (2013.01); **C22C 27/02** (2013.01); A61F 2002/91541 (2013.01); A61F 2230/0013 (2013.01); A61F 2230/0054 (2013.01); A61F 2250/0098 (2013.01)

Citation (search report)

See references of WO 0205863A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0205863 A1 20020124; AU 7021601 A 20020130; EP 1301224 A1 20030416; JP 2004503334 A 20040205

DOCDB simple family (application)

US 0120512 W 20010628; AU 7021601 A 20010628; EP 01948783 A 20010628; JP 2002511794 A 20010628