

Title (en)  
CONNECTED STENT APPARATUS

Title (de)  
VERBUNDENES STENTGERÄT

Title (fr)  
EXTENSEUR ACCOUPLE

Publication  
**EP 0786971 A1 19970806 (EN)**

Application  
**EP 95938853 A 19951019**

Priority  
• US 9513651 W 19951019  
• US 32602494 A 19941019  
• US 45127095 A 19950530

Abstract (en)  
[origin: WO9612449A1] An endovascular device (20) comprises at least two short stent segments (10) welded together to form a connected stent. Each stent segment (10) defines a single wire (12) having straight sections (13) integrally formed between axial turns. The welds (30) are placed between stent segments at one or more aligned adjacent axial turns. The welded connected stent is flexible enough to allow it to pass through sharp turns and to be implanted to conform to the contour of the lesion to be treated. In one aspect of the invention all adjacent axial turns are welded together. In another aspect of the invention, selected adjacent axial turns are welded together to create a generally balanced spiral pattern of welds surrounding the cylindrical connected stent.

IPC 1-7  
**A61F 2/04**; **A61F 2/06**; **A61M 29/02**

IPC 8 full level  
**A61F 2/06** (2006.01); **A61F 2/89** (2013.01); **A61F 2/90** (2006.01)

CPC (source: EP)  
**A61F 2/89** (2013.01); **A61F 2/90** (2013.01); **A61F 2220/0058** (2013.01)

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

DOCDB simple family (publication)  
**WO 9612449 A1 19960502**; AU 4008195 A 19960515; AU 702684 B2 19990304; CA 2202476 A1 19960502; EP 0786971 A1 19970806; EP 0786971 A4 19990120

DOCDB simple family (application)  
**US 9513651 W 19951019**; AU 4008195 A 19951019; CA 2202476 A 19951019; EP 95938853 A 19951019