

Title (en)
CONNECTED STENT APPARATUS

Title (de)
VERBUNDENES STENTGERÄT

Title (fr)
EXTENSEUR ACCOUPLE

Publication
EP 0786971 A4 19990120 (EN)

Application
EP 95938853 A 19951019

Priority
• US 9513651 W 19951019
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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.

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CPC (source: EP)
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Citation (search report)
• [PXY] DE 4432938 A1 19950323 - CORDIS CORP [US]
• [Y] EP 0481365 A1 19920422 - ANGIOMED AG [DE]
• [A] FR 2702954 A1 19940930 - CRAGG ANDREW H [US]
• [A] US 5104404 A 19920414 - WOLFF RODNEY G [US]
• See references of WO 9612449A1

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

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