

Title (en)
EXPANDABLE INTRAVASCULAR TUBULAR STENTS

Title (de)
EXPANDIERBARE, INTRAVASKULÄRE, ROHRFÖRMIGE STENTS

Title (fr)
EXTENSEURS INTRAVASCULAIRES TUBULAIRES EXPANSIBLES

Publication
EP 1152710 A1 20011114 (EN)

Application
EP 00900995 A 20000121

Priority
• CA 0000035 W 20000121
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• US 11687799 P 19990122

Abstract (en)
[origin: WO0042946A1] An expandable intravascular medical tubular stent (140) is a supporting device intended to maintain the walls of anatomical body channels or vessels, the stent being expandable within the vessel by an angioplasty balloon associated with a catheter thereby dilating and expanding the lumen of a vessel. The stent (140) comprises an arrangement of a plurality of radially expandable, serpentine members (16) arranged in interconnected rings. Upon inflation of the balloon, the stent expands in both radial and longitudinal directions in relation to the amount of radially-outwardly directed force by the balloon. The stent is designed such that during expansion, the longitudinal length of the stent is not substantially affected.

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A61F 2/06

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 0042946A1

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