

Title (en)
EXPANDABLE SURGICAL STENT

Title (de)
EXPANDIERBARER STENT

Title (fr)
DISPOSITIF CHIRURGICAL EXPANSIBLE DE MAINTIEN DE GREFFES

Publication
EP 0817599 A1 19980114 (EN)

Application
EP 96907602 A 19960321

Priority
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Abstract (en)
[origin: WO9629028A1] An expandable stent for a tubular (e.g. vascular) graft or prosthesis or for expanding or supporting a body passageway comprises a thin walled tubular member (102) having slots (104) defining a plurality of interconnected elongate members (108) arranged such that the application of a distributed radially-outward force within the tubular member expands it radially by deformation thereof, so as to open-out the slots, characterised by means (106, 107) defining relatively weak portions (118) of locally-reduced cross section which upon expansion of the stent act as plastic hinges and in which said deformation is concentrated.

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A61F 2/06

IPC 8 full level
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CPC (source: EP)
A61F 2/91 (2013.01); **A61F 2/915** (2013.01); **A61F 2002/91558** (2013.01); **A61F 2230/0013** (2013.01)

Citation (search report)
See references of WO 9629028A1

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