

Title (en)
EXPANDABLE STENT AND METHOD OF PRODUCING THE SAME

Title (de)
EXPANDIERBARE GEFÄSSSTÜTZE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
EXTENSEUR DE VAISSEAU ET SON PROCEDE DE PRODUCTION

Publication
EP 0975276 A1 20000202 (DE)

Application
EP 97942874 A 19970822

Priority
• DE 19634245 A 19960825
• EP 9704597 W 19970822

Abstract (en)
[origin: DE19634245A1] The invention concerns an expandable stent (vessel support) comprising a substantially cylindrical and tubular basic body which can be introduced into a blood vessel lumen or some other tubular passage in the body, and is designed to be secured in this lumen, by means of plastic deformation owing to radial expansion to a larger diameter, and remain permanently therein. The basic body is formed by material strands (1-8) which run substantially in the longitudinal direction and do not cross over one another, adjacent material strands (1-8) in each case being interconnected at given locations.

IPC 1-7
A61F 2/06

IPC 8 full level
A61F 2/856 (2013.01); **A61F 2/90** (2013.01); **A61F 2/00** (2006.01)

CPC (source: EP)
A61F 2/856 (2013.01); **A61F 2/90** (2013.01); **A61F 2/0077** (2013.01); **A61F 2002/30113** (2013.01); **A61F 2002/30125** (2013.01); **A61F 2002/30158** (2013.01); **A61F 2230/0006** (2013.01); **A61F 2230/0008** (2013.01); **A61F 2230/0021** (2013.01); **A61F 2230/0026** (2013.01); **A61F 2240/001** (2013.01); **A61F 2310/00155** (2013.01)

Citation (search report)
See references of WO 9808465A1

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

DOCDB simple family (publication)
DE 19634245 A1 19980226; AU 4455497 A 19980319; DE 19780889 D2 20000224; EP 0975276 A1 20000202; WO 9808465 A1 19980305

DOCDB simple family (application)
DE 19634245 A 19960825; AU 4455497 A 19970822; DE 19780889 T 19970822; EP 9704597 W 19970822; EP 97942874 A 19970822