

Title (en)  
FLEXIBLE TUBES FOR FIXED PERIPHERAL VENOUS CANNULAS

Title (de)  
SCHLÄUCHE FÜR PERIPHERE VENENVERWEILKANÜLEN

Title (fr)  
TUYAUX POUR CANULES VEINEUSES A DEMEURE PERIPHERIQUES

Publication  
**EP 1501561 A1 20050202 (DE)**

Application  
**EP 03725121 A 20030430**

Priority

- DE 10220410 A 20020508
- EP 0304515 W 20030430

Abstract (en)  
[origin: WO03094988A1] The invention concerns flexible tubes for delivering solutions for perfusion or injection into the peripheral vascular system. The invention is characterized in that said flexible tubes are manufactured by coextrusion process from a composite polyamide and polyurethane laminate, the inner layer facing the lumen and the outer layer being respectively formed with polyamide and polyurethane. The desired properties of said flexible tubes, such as buckling stability, flexural rigidity or free flow capacity, can be adjusted and customized on the basis of the wall thickness distribution which, preferably has a PA/PUR ratio of 50:50 to 70:30, and on the basis of the Shore hardness of the initial constituents.

IPC 1-7  
**A61L 29/00**; **A61L 29/06**

IPC 8 full level  
**A61L 29/00** (2006.01); **A61L 29/08** (2006.01); **A61M 25/16** (2006.01)

CPC (source: EP US)  
**A61L 29/085** (2013.01 - EP US); **Y10T 428/139** (2015.01 - EP US)

Citation (search report)  
See references of WO 03094988A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03094988 A1 20031120**; AU 2003227695 A1 20031111; CN 1646179 A 20050727; DE 10220410 A1 20031127; DE 10220410 B4 20060413; EP 1501561 A1 20050202; JP 2005530531 A 20051013; MX PA04010404 A 20050217; US 2005158498 A1 20050721

DOCDB simple family (application)  
**EP 0304515 W 20030430**; AU 2003227695 A 20030430; CN 03808370 A 20030430; DE 10220410 A 20020508; EP 03725121 A 20030430; JP 2004503068 A 20030430; MX PA04010404 A 20030430; US 51366204 A 20041108