

Title (en)
MULTI-CHANNELED INSERTION SYSTEM FOR SIMULTANEOUS DELIVERY OF BIOLOGICALLY ACTIVE ELEMENTS TO MULTIPLE ORGAN SITES

Title (de)
MEHRKANALEINFÜHRSYSTEM ZUR SIMULTANEN ZUFUHR BIOLOGISCH AKTIVER ELEMENTE ZU VERSCHIEDENEN ORGANBEREICHEN

Title (fr)
SYSTEME D'INSERTION MULTI-CANAUX POUR ADMINISTRATION SIMULTANEE D'ELEMENTS BIOLOGIQUEMENT ACTIFS A PLUSIEURS SITES ORGANIQUES

Publication
EP 1218041 A1 20020703 (EN)

Application
EP 00947360 A 20000714

Priority

- US 0019219 W 20000714
- US 14378999 P 19990714

Abstract (en)
[origin: WO0105450A1] A multi-channeled insertion system (10) includes a longitudinal structure (12) having a proximal end, a distal end, and an axis extending between the proximal end and the distal end. The multi-channeled insertion system further includes a plurality of channels (18), with each of the plurality of channels beginning at an entry port, extending distally therefrom and terminating at an exit port which is disposed distally of the entry port. Each of the plurality of channels being is constructed to accommodate a tubular structure therethrough, wherein the tubular structures exit the exit ports at different angles relative to one another.

IPC 1-7
A61M 5/00

IPC 8 full level
A61B 17/34 (2006.01); **A61M 25/00** (2006.01); **A61B 17/00** (2006.01); **A61B 17/22** (2006.01)

CPC (source: EP)
A61B 17/3417 (2013.01); **A61B 17/3468** (2013.01); **A61B 2017/00274** (2013.01); **A61B 2017/22077** (2013.01); **A61B 2017/3445** (2013.01); **A61B 2018/00547** (2013.01); **A61M 2025/0034** (2013.01); **A61M 2025/0036** (2013.01); **A61M 2025/004** (2013.01); **A61M 2025/0096** (2013.01)

Citation (search report)
See references of WO 0105450A1

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

DOCDB simple family (publication)
WO 0105450 A1 20010125; AU 6098500 A 20010205; EP 1218041 A1 20020703

DOCDB simple family (application)
US 0019219 W 20000714; AU 6098500 A 20000714; EP 00947360 A 20000714