

Title (en)
IMPROVED GUIDEWIRE

Title (de)
FÜHRUNGSDRAHT

Title (fr)
FIL-GUIDE AMELIORE

Publication
EP 1148957 A1 20011031 (EN)

Application
EP 99964207 A 19991209

Priority
• US 9929329 W 19991209
• US 11189298 P 19981210

Abstract (en)
[origin: WO0033984A1] In the manufacture of a guidewire for medical applications, a mandrel (14) is formed using a wound wire having a first diameter (D1). The wound wire is straightened and cut to appropriate size. Subsequently, the wire is ground down, using center-less grinding, to one or more sections all having diameters (D2, D3) which are less than the first diameter (D1). Optionally, the mandrel (14) thus formed is coated with a hydrophilic coating, and a radiopaque marker affixed thereto.

IPC 1-7
B21B 1/46; B21B 13/22; B22D 11/126; B22D 11/128; B23P 17/00; B23P 25/00; B24B 1/00; B24B 5/00; B24B 5/18; B24B 7/00; B24B 7/19; B24B 7/30; B24B 9/00; B21F 21/00; **A61M 25/01**

IPC 8 full level
A61M 25/01 (2006.01); **B21F 99/00** (2009.01); **B24B 5/18** (2006.01)

CPC (source: EP)
A61M 25/09 (2013.01); **B21F 99/00** (2013.01); **B24B 5/18** (2013.01)

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 0033984 A1 20000615; AU 2049400 A 20000626; CA 2346822 A1 20000615; EP 1148957 A1 20011031; EP 1148957 A4 20050615; JP 2002531234 A 20020924

DOCDB simple family (application)
US 9929329 W 19991209; AU 2049400 A 19991209; CA 2346822 A 19991209; EP 99964207 A 19991209; JP 2000586469 A 19991209