

Title (en)
CATHETER ASSEMBLY INCLUDING EXTRUDED POLYMER MATERIAL FOR STIFFNESS

Title (de)
KATHETERANORDNUNG MIT EXTRUDIERTEM POLYMER MATERIAL FÜR STEIFIGKEIT

Title (fr)
ENSEMBLE CATHÉTER COMPRENANT UN MATÉRIAU POLYMÈRE EXTRUDÉ POUR LA RIGIDITÉ

Publication
EP 4319851 A1 20240214 (EN)

Application
EP 22716507 A 20220406

Priority
• US 202163171793 P 20210407
• US 202217653786 A 20220307
• IB 2022053226 W 20220406

Abstract (en)
[origin: WO2022215001A1] The present application provides a catheter (10) that includes a catheter tube defining the guidewire lumen with the catheter tube including an extruded polymer material. Molecules of the extruded polymer material extend circumferentially around the catheter tube to stiffen the catheter tube for strengthening the catheter tube against radial compression forces.

IPC 8 full level
A61M 25/00 (2006.01); **A61M 25/10** (2013.01); **B29C 63/18** (2006.01); **B29C 67/00** (2017.01)

CPC (source: EP)
A61M 25/0009 (2013.01); **A61M 25/0043** (2013.01); **A61M 25/0045** (2013.01); **A61M 25/1036** (2013.01); **B29C 55/00** (2013.01); **B29C 63/14** (2013.01); **A61M 2025/0047** (2013.01); **A61M 2025/0059** (2013.01); **B29C 67/0022** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022215001 A1 20221013; EP 4319851 A1 20240214

DOCDB simple family (application)
IB 2022053226 W 20220406; EP 22716507 A 20220406