

Title (en)
TUBE DEVICE AND METHOD FOR SELECTIVELY STIFFENING A TUBE DEVICE

Title (de)
SCHLAUCHVORRICHTUNG UND VERFAHREN ZUM SELEKTIVEN VERSTEIFEN EINER SCHLAUCHVORRICHTUNG

Title (fr)
DISPOSITIF TUBULAIRE ET PROCÉDÉ DE RAIDISSEMENT SÉLECTIF D'UN DISPOSITIF TUBULAIRE

Publication
EP 4304693 A1 20240117 (DE)

Application
EP 22708149 A 20220228

Priority
• EP 21161563 A 20210309
• EP 2022054918 W 20220228

Abstract (en)
[origin: WO2022189178A1] The invention relates to a tube device (100), in particular a lock-type device for insertion in a body lumen, that can be reversibly stiffened under the effect of pressure by a concentric arrangement of an inner (1) and outer tube (4), and a stiffening layer (3), the stiffening layer exerting pressure on the outer tube and thus producing high friction.

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

CPC (source: EP US)
A61L 29/02 (2013.01 - US); **A61L 29/04** (2013.01 - US); **A61L 29/085** (2013.01 - US); **A61M 25/0045** (2013.01 - EP US); **A61M 25/005** (2013.01 - EP US); **A61M 25/0071** (2013.01 - EP US); **A61M 25/0097** (2013.01 - EP US); **A61M 25/09** (2013.01 - US); **A61M 29/00** (2013.01 - EP US); **A61M 2025/0004** (2013.01 - EP); **A61M 2025/0024** (2013.01 - EP); **A61M 2025/0046** (2013.01 - EP); **A61M 2025/0063** (2013.01 - EP); **A61M 2025/0065** (2013.01 - US); **A61M 2205/0216** (2013.01 - US)

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)
EP 4056221 A1 20220914; CN 117015410 A 20231107; EP 4304693 A1 20240117; US 2024149018 A1 20240509;
WO 2022189178 A1 20220915

DOCDB simple family (application)
EP 21161563 A 20210309; CN 202280018844 A 20220228; EP 2022054918 W 20220228; EP 22708149 A 20220228;
US 202218549723 A 20220228