

Title (en)
ANNULAR VALVE SECUREMENT WITHIN A CATHETER ASSEMBLY

Title (de)
RINGFÖRMIGE VENTILBEFESTIGUNG IN EINER KATHETERANORDNUNG

Title (fr)
FIXATION DE VALVE ANNULAIRE À L'INTÉRIEUR D'UN ENSEMBLE CATHÉTER

Publication
EP 4337292 A1 20240320 (EN)

Application
EP 22723930 A 20220428

Priority
• US 202163186668 P 20210510
• US 202217731082 A 20220427
• US 2022026813 W 20220428

Abstract (en)
[origin: WO2022240594A1] A catheter system (18) may include a catheter assembly (20, 68, 100, 103). The catheter assembly may include the catheter adapter (22), which may include a distal end (24), a proximal end (26), an inner surface (28) forming a lumen (30), the lumen extending through the distal end and the proximal end, and a side port (32) disposed between the distal end and the proximal end. The catheter assembly may include an annular valve (34), which may be disposed within the lumen and aligned with the side port. The annular valve may seal a fluid pathway from the side port to the lumen. The catheter assembly may include a retainer ring (36) or a bump (102) disposed proximal and/or proximate the annular valve within the lumen. The catheter assembly may include a catheter (12) extending distally from the distal end of the catheter adapter.

IPC 8 full level
A61M 25/00 (2006.01); **A61M 5/14** (2006.01); **A61M 25/06** (2006.01); **A61M 39/22** (2006.01)

CPC (source: EP KR)
A61M 25/0097 (2013.01 - EP KR); **A61M 25/0606** (2013.01 - EP KR); **A61M 39/22** (2013.01 - KR); **A61M 25/0693** (2013.01 - EP KR)

Citation (search report)
See references of WO 2022240594A1

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 2022240594 A1 20221117; AU 2022274531 A1 20231102; EP 4337292 A1 20240320; JP 2024516999 A 20240418; KR 20240006607 A 20240115

DOCDB simple family (application)
US 2022026813 W 20220428; AU 2022274531 A 20220428; EP 22723930 A 20220428; JP 2023568011 A 20220428; KR 20237042103 A 20220428