

Title (en)

STRETCH VALVE BALLOON CATHETER AND METHODS FOR PRODUCING AND USING SAME

Title (de)

BALLONKATHETER MIT DEHNUNGSVENTIL UND VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG DAVON

Title (fr)

CATHÉTER À BALLONNET À VALVE D'ÉTIREMENT ET SES PROCÉDÉS DE PRODUCTION ET D'UTILISATION

Publication

EP 2841142 A1 20150304 (EN)

Application

EP 13782445 A 20130424

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- US 201313868376 A 20130423
- US 2013037909 W 20130424

Abstract (en)

[origin: WO2013163254A1] A safety catheter includes a flexible, multi-lumen shaft having an outer diameter, a distal tip, a proximal catheter end with a drain end and a proximal inflation end. The multi-lumen shaft defines a drain lumen, a distal hollow balloon portion, at least one inflation lumen, and a drainage port. A hollow stretch valve is coaxially disposed in the inflation or drainage lumen, or both, has a fixed portion within the inflation or drainage lumen, or both, and prevents fluid from passing through the drainage port in a steady state and has a sliding portion slidably disposed within the inflation or drainage lumen, or both, such that, in a stretched state when the proximal catheter end is stretched, the sliding portion slides within the inflation or drainage lumen, or both to permit fluid to pass through the balloon drainage port and/or wall of the catheter.

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