

Title (en)
CATHETER INFLATABLE CUFF PRESSURE STABILIZERS

Title (de)
DRUCKSTABILISATOREN FÜR AUFBLASBARE KATHETERMANSCHETTE

Title (fr)
STABILISATEUR DE PRESSION POUR UN MANCHON PNEUMATIQUE DE CATHÉTER

Publication
EP 3755408 A4 20220112 (EN)

Application
EP 19758270 A 20190214

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Abstract (en)
[origin: WO2019162939A1] A cuff pressure stabilizer (100, 900) includes a protective housing (110, 910) and a balloon (148, 948) disposed therein. The balloon (148, 948) has a base low pressure of 10 cm H2O when containing a base low-pressure volume of air. When the balloon (148, 948) contains a first medium-pressure volume of air, the balloon (148, 948) has a first medium pressure of 15 cm H2O, and less than 15% of an outer surface (152, 952) of the balloon (148, 948) touches an inner surface (154, 954) of the housing (110, 910). When the balloon (148, 948) contains a second medium-pressure volume of air, the balloon (148, 948) has a second medium pressure of 30 cm H2O, and at least 20% of the outer surface (152, 952) of the balloon (148, 948) touches a portion of the inner surface (154, 954) of the housing (110, 910). Other embodiments are also described.

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Citation (search report)

- [IA] US 4134407 A 19790116 - ELAM JAMES O
- [A] US 4119101 A 19781010 - IGICH VICTOR
- [A] US 4552558 A 19851112 - MUTO RUDOLPH [US]
- See references of WO 2019162939A1

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