

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.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] US 4119101 A 19781010 - IGICH VICTOR
- [A] US 4552558 A 19851112 - MUTO RUDOLPH [US]
- See references of WO 2019162939A1

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