

Title (en)
METHOD AND APPARATUS FOR QUICK INFLATING OF AN INFLATABLE BAG, PARTICULARLY A SUPPORTING DEVICE BAG, SUCH AS A MATTRESS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SCHNELLEN AUFBLASEN EINER KAMMER, INSBESONDERE EINER KAMMER STÜTZVORRICHTUNG, Z.B. EINER MATRAZTE

Title (fr)
PROCEDE ET APPAREIL DE GONFLAGE RAPIDE D'UNE CHAMBRE GONFLABLE, EN PARTICULIER UNE CHAMBRE D'UN DISPOSITIF DE SUPPORT, TEL QU'UN MATELAS

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Application
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Abstract (en)
[origin: US5944066A] A method and apparatus for rapidly inflating an inflatable chamber. The apparatus comprises inflation means 50 for inflating an inflatable chamber 14 defined by a support device 12 for supporting a patient P. The apparatus 10 comprises at least one first inflation means 52 for performing inflation at a high flow rate and at a low pressure so as to fill the volume of said chamber 14 substantially fully at a low pressure, and a second inflation means 54 for inflating at a low flow rate but at a high pressure to obtain said predetermined inflation pressure in said chamber 14. The invention makes it possible to inflate the chamber 14 rapidly, which is particularly important in medical applications.

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IPC 8 full level
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US 5575627 A 19961119 - VAIRIN SCOTT [US], et al

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