

Title (en)
Inflation control

Title (de)
Aufblassteuerung

Title (fr)
Dispositif de commande de gonflage

Publication
EP 1669006 A1 20060614 (EN)

Application
EP 05257479 A 20051205

Priority
GB 0426803 A 20041207

Abstract (en)
A device 10 for controlling the inflation pressure of an inflatable pad or cushion includes a control unit 15 connected to an outlet tube 12 of a pump 11, and an inlet tube 17 of a cushion etc to be inflated. The control unit includes means for converting the pressure of air from the pump sensed by a pressure sensor in the unit 15 to an equivalent body weight deemed to be the optimum to be supported at that pressure. There are means 18 for displaying the equivalent body weight, and for inputting a target weight, and alerting the user when the target weight is matched or exceeded.

IPC 8 full level
A47C 27/08 (2006.01)

CPC (source: EP)
A47C 27/081 (2013.01); **A47C 27/082** (2013.01); **A47C 27/083** (2013.01)

Citation (search report)
• [XA] US 6483264 B1 20021119 - SHAFER DAVID C [US], et al
• [A] US 6421858 B1 20020723 - CUEREL PHILIPPE [CH]

Cited by
US9260288B2; WO2008032062A1; WO2013182600A1; WO2022208164A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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