

Title (en)
HEATED UNDER-BODY WARMING SYSTEM

Title (de)
BEHEIZTES UNTERBEKLEIDUNGSERWÄRMUNGSSYSTEM

Title (fr)
SYSTÈME CORPOREL INFÉRIEUR RÉCHAUFFEUR

Publication
EP 2685954 A4 20150701 (EN)

Application
EP 12757173 A 20120316

Priority
• US 201161453311 P 20110316
• US 2012029414 W 20120316

Abstract (en)
[origin: WO2012125916A2] A heated underbody support comprising a heated mattress, heated mattress overlay or heated pad. The heated underbody support includes a heater assembly having an upper surface upon which a user directly or indirectly lays when the heated underbody support is in use. The heater assembly includes a flexible heating element including a sheet of conductive fabric having a substantially uniform Watt density. The heated underbody support also includes a layer of compressible material adapted to conform to the user's body when under pressure from the user resting upon the support. When the user lays upon the upper surface of the support, the heating element is adapted to adjust such that the temperature of the contact portion is less than the temperature of the non-contact portion of the support.

IPC 8 full level
A47C 21/04 (2006.01); **A61F 7/00** (2006.01); **A61F 7/02** (2006.01); **A61F 7/08** (2006.01); **A61G 13/12** (2006.01)

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Citation (search report)
• [X] WO 2007041389 A1 20070412 - AUGUSTINE BIOMEDICAL AND DESIG [US], et al
• [X] US 2007068930 A1 20070329 - AUGUSTINE SCOTT D [US], et al
• [A] US 2001020303 A1 20010913 - ENDO TATSUO [JP], et al
• [X] WO 2010107724 A1 20100923 - DRAEGER MEDICAL SYSTEMS INC [US], et al
• [X] US 2004149711 A1 20040805 - WYATT CHARLES C [US], et al
• [X] WO 0195841 A2 20011220 - AMERICAN HEALTHCARE PRODUCTS I [US], et al
• [X] US 5881410 A 19990316 - YAMADA MASAOKI [JP]
• [A] WO 9923992 A1 19990520 - HILL ROM CO INC [US]
• See references of WO 2012125916A2

Designated contracting state (EPC)
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