

Title (en)

ADJUSTABLE INFLATABLE NECK SUPPORT DEVICE AND METHOD FOR MANUFACTURING THE SAME

Title (de)

VERSTELLBARE AUFBLASBARE NACKENSTÜTZVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

DISPOSITIF DE SUPPORT DE COU GONFLABLE RÉGLABLE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3932261 B1 20230906 (EN)

Application

EP 21178993 A 20210611

Priority

- CN 202110625030 A 20210604
- CN 202010631822 A 20200703
- CN 202011467755 A 20201214
- EP 21155185 A 20210204

Abstract (en)

[origin: EP3932261A1] An adjustable inflatable neck support device includes a supporting portion and a bearing portion whose height is smaller than that of the supporting portion. The supporting portion has a center support body and can be provided therein with a first inflatable airbag. Two second inflatable airbags can be provided in the neck support device. An inflation device can be connected to the airbags. When a user rests on the neck support device in a supine position or on the side of the head, the top surface thereof can be adjusted to support the neck. The inflation device inflates or deflates the airbags to displace the top surface of the neck support device to change the force exerted on the neck by the center support body and/or areas of the top surface of the neck support device that correspond in position to the airbags to restore and maintain head/spine alignment.

IPC 8 full level

A47G 9/10 (2006.01)

CPC (source: EP)

A47G 9/1027 (2013.01); **A47G 9/1081** (2013.01); **A47G 9/109** (2013.01); **A63B 21/00069** (2013.01); **A63B 21/0085** (2013.01); **A63B 21/028** (2013.01); **A63B 21/4033** (2015.10); **A63B 21/4039** (2015.10); **A63B 23/025** (2013.01); **A63B 2208/0252** (2013.01); **A63B 2208/0266** (2013.01); **A63B 2208/12** (2013.01); **A63B 2209/00** (2013.01); **A63B 2209/14** (2013.01); **A63B 2213/00** (2013.01); **A63B 2213/004** (2013.01); **A63B 2220/64** (2013.01); **A63B 2225/09** (2013.01); **A63B 2225/093** (2013.01); **A63B 2225/50** (2013.01); **A63B 2225/62** (2013.01)

Cited by

CN115137195A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3932261 A1 20220105; EP 3932261 B1 20230906; EP 3932261 C0 20230906

DOCDB simple family (application)

EP 21178993 A 20210611