

Title (en)
DYNAMIC AIR BAG SYSTEM

Title (de)
DYNAMISCHES AIRBAGSYSTEM

Title (fr)
SYSTÈME D'AIRBAG DYNAMIQUE

Publication
EP 3777606 A1 20210217 (EN)

Application
EP 20190283 A 20200810

Priority
NO 20190990 A 20190816

Abstract (en)
It is disclosed an inflatable support element (100) for supporting a backpack (200) when carried by a user (300), the inflatable support element (100) defining an adjustable confined space (180), and comprises:- a valve (120), having an open position and a closed position, the valve (120) being adapted to adjust a flow of air into and out of the confined space (180); and- an inner structure (110) having a predetermined shape and wherein the inner structure (110) is in contact with an inner surface of the inflatable support element (100); wherein the inner structure (110) is made of a resilient material enabling the inner structure (100) to deform and return to its predetermined shape; wherein the inner structure (100) is made of an air permeable material and comprises a plurality of air-filled through holes (115) and/or pockets; wherein the inner structure (110) is configured to transfer air between the air-filled through holes (115) and/or pockets. It is also disclosed a method for adjusting an inflatable support element (100) for supporting a backpack (200) when carried by a user (300).

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CPC (source: EP NO)
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Citation (applicant)
US 2002158097 A1 20021031 - BEALE RONALD L [US]

Citation (search report)
• [XYI] EP 2441342 A1 20120418 - CHRISTY PHILIP TROY [US]
• [XYI] US 2016235186 A1 20160818 - CHUEH HO-JEN [TW]
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