

Title (en)  
IMPROVED SUPPORT STRUCTURE FOR THE HUMAN BODY

Title (de)  
VERBESSERTE STÜTZSTRUKTUR FÜR DEN MENSCHLICHEN KÖRPER

Title (fr)  
STRUCTURE DE SUPPORT AMÉLIORÉE DESTINÉE AU CORPS HUMAIN

Publication  
**EP 2867107 A1 20150506 (EN)**

Application  
**EP 13765772 A 20130627**

Priority

- CH 9042012 A 20120627
- IB 2013055288 W 20130627

Abstract (en)  
[origin: WO2014002047A1] A human body support structure comprises a shell (2) with a pad (4) thereon, the latter being in turn covered by a cover (7). The pad (4) and/or the cover (7) are made from a formulation comprising at least one fossil-derived polymeric material and at least one renewable source-derived material, and the materials in the formulation are selected such that the carbon footprint, as defined in accordance with the standard ISO 14067 in terms of amount of carbon dioxide equivalent (CO<sub>2</sub>e) per unit weight of the formulation is relatively low and the percent radiocarbon-14 (pMC), as defined according to the standard ASTM D6866 per unit weight of the formulation is relatively high. The formulation for forming the lower layer (5) of the pad (4) comprises a foamed polymeric preparation comprising a polyol phase, an isocyanate phase, an additive phase, and a plasticizer phase, wherein the additive phase comprises fossil-derived and renewable source-derived additives, the later comprising additives selected from the group comprising hydrogenated castor oil-derived plasticizers, crosslinking agents, catalysts, foaming agents, and wherein said plasticizers are derived from hydrogenated castor oil.

IPC 8 full level  
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Citation (search report)  
See references of WO 2014002047A1

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