

Title (en)
INFLATABLE HELMET

Title (de)
AUFBLASBARER HELM

Title (fr)
CASQUE GONFLABLE

Publication
EP 3232844 B1 20190227 (EN)

Application
EP 15767434 A 20150831

Priority
• GB 201415362 A 20140829
• EP 2015069881 W 20150831

Abstract (en)
[origin: GB2529699A] A helmet 10 which has a plurality of substantially longitudinal members 26 arranged side-by-side, the longitudinal members being in fluid communication with each other; the helmet having a first inflated state in which the longitudinal members are distributed to form a substantially concave shape, and a second compressed state in which the longitudinal members lie flat and substantially coincident against each other. Each longitudinal member is separated from neighbouring longitudinal members by a tubular connecting member 22 in a lattice configuration. The helmet may be made of HDPE or nylon. The helmet may be formed using 3D printing methods such as fused deposition, laser sintering, or stereolithography. The helmet may have an indicator of correct pressure or when the correct pressure has been exceeded.

IPC 8 full level
A42B 1/20 (2006.01); **A42B 3/32** (2006.01)

CPC (source: EP GB US)
A42B 1/201 (2013.01 - EP GB US); **A42B 1/203** (2013.01 - EP GB US); **A42B 3/0433** (2013.01 - US); **A42B 3/322** (2013.01 - EP GB US)

Cited by
EP4018865A1; US2022192308A1; WO2022200796A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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