

Title (en)
SURVIVAL SUIT

Title (de)
ÜBERLEBENSANZUG

Title (fr)
COMBINAISON DE SURVIE

Publication
EP 1654038 A4 20080319 (EN)

Application
EP 04781243 A 20040814

Priority
• US 2004026524 W 20040814
• US 64200803 A 20030815

Abstract (en)
[origin: CA2533810A1] A survival suit (10) including two inner bladders (50), (60) filled with air exhaled from the user to provide warmth and floatation. The first inner bladder (50) is located against the user's back that covers the entire dorsal region. Located behind the first inner bladder (50) is a second inner bladder (60) that acts as an insulation layer when submerged under water. Both the first and second inner bladders (50), (60) are filled with fibrous filler material (80) to provide insulation and allow exhaled air to flow freely therein. An air conduit (74) extends from the user's mouth to the second inner bladder (60). Formed between the first and second inner bladders (50), (60) is an air passageway (55) that delivers air from the second inner bladder (60) into the first inner bladder (50). Air outlet ports (58) located on the first inner bladder (50) allows exhaled air to escape into the body cavity (14) and that completely surround the user. The exhaled air in the body cavity (14) eventually escapes through the face opening (23).

IPC 8 full level
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CPC (source: EP)
A41D 13/0125 (2013.01); **B63C 9/1055** (2013.01); **A41D 2400/10** (2013.01)

Citation (search report)
• [PA] WO 03105957 A2 20031224 - COURTNEY WILLIAM L [US]
• [A] GB 2240305 A 19910731 - MCCABE COLIN JAMES
• [A] US 6551160 B1 20030422 - TOTH LOUIS [US], et al
• [A] US 6206744 B1 20010327 - WIGUTOW JERALD N [US]
• See references of WO 2005016042A2

Cited by
CN109224334A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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AT E457782 T1 20100315; CA 2533810 A1 20050224; CA 2533810 C 20120717; DE 602004025582 D1 20100401; DK 1654038 T3 20100531; EP 1654038 A2 20060510; EP 1654038 A4 20080319; EP 1654038 B1 20100217; JP 2007502920 A 20070215; PL 1654038 T3 20100730

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