

Title (en)  
TEXTILE COMPLEX FOR MAKING CLOTHES FOR PROTECTION AGAINST HEAT

Title (de)  
TEXTILVERBUNDATERIAL ZUR HERSTELLUNG VON WÄRMESCHUTZKLEIDUNGSTÜCKEN

Title (fr)  
COMPLEXE TEXTILE POUR LA REALISATION DE VETEMENTS DE PROTECTION THERMIQUE

Publication  
**EP 1098575 B2 20070509 (FR)**

Application  
**EP 99932966 A 19990723**

Priority  
• FR 9901822 W 19990723  
• FR 9809582 A 19980723

Abstract (en)  
[origin: US6481015B1] A textile complex is provided including at least a fabric, a textile lap, made of inflammable material, designed to form the external surface of the complex, and a comfort and hygiene lining designed to form the complex internal surface. On the fabric internal surface and/or the lining external surface folds are provided having substantially the same orientation with respect to each other, fixed on the fabric and/or the lining, and defining between the fabric and the lining air-filled passages.

IPC 8 full level  
**A41D 13/00** (2006.01); **A41D 31/00** (2006.01); **B32B 5/02** (2006.01)

CPC (source: EP US)  
**A41D 31/085** (2019.02 - EP US); **A41D 31/102** (2019.02 - EP US); **A41D 31/125** (2019.02 - EP US); **Y10S 428/92** (2013.01 - EP US); **Y10T 428/24562** (2015.01 - EP US)

Citation (opposition)  
Opponent :  
• FR 1213415 A 19600331  
• WO 9743917 A1 19971127 - LION APPAREL INC [US]  
• GB 1066012 A 19670419 - DOMINION CORSET CO LTD  
• Compte-rendu du symposium "Performane of protective clothing", 16-17 juillet 1984, page 614  
• Manuel de théorie du tissage, 1948, pages 212-214  
• F. Guicherd, "Cours de théorie de tissage", 1946, pages 251-253

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 6481015 B1 20021119**; AT E240057 T1 20030515; AU 4916599 A 20000214; AU 747771 B2 20020523; BR 9912340 A 20010417; CA 2338177 A1 20000203; CA 2338177 C 20081216; DE 69907914 D1 20030618; DE 69907914 T2 20040115; DE 69907914 T3 20070830; DK 1098575 T3 20030915; DK 1098575 T4 20070611; EP 1098575 A1 20010516; EP 1098575 B1 20030514; EP 1098575 B2 20070509; ES 2196833 T3 20031216; ES 2196833 T5 20071116; FR 2781341 A1 20000128; FR 2781341 B1 20001020; JP 2002521576 A 20020716; NO 20010335 D0 20010119; NO 20010335 L 20010319; NZ 509416 A 20031031; PT 1098575 E 20030731; TR 200100215 T2 20010621; WO 0004798 A1 20000203

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**US 74438001 A 20010604**; AT 99932966 T 19990723; AU 4916599 A 19990723; BR 9912340 A 19990723; CA 2338177 A 19990723; DE 69907914 T 19990723; DK 99932966 T 19990723; EP 99932966 A 19990723; ES 99932966 T 19990723; FR 9809582 A 19980723; FR 9901822 W 19990723; JP 2000560800 A 19990723; NO 20010335 A 20010119; NZ 50941699 A 19990723; PT 99932966 T 19990723; TR 200100215 T 19990723