

Title (en)

MULTI-LAYER DISPOSABLE MEDICAL THERMAL BLANKET.

Title (de)

MEDIZINISCHE MEHRFACHSCHICHT-WEGWERFWÄRMEDECKE.

Title (fr)

COUVERTURE THERMIQUE MEDICALE JETABLE A COUCHES MULTIPLES.

Publication

**EP 0168483 A4 19870120 (EN)**

Application

**EP 85900886 A 19850118**

Priority

US 57172084 A 19840118

Abstract (en)

[origin: WO8503216A1] A multi-layer disposable medical thermal blanket (10) for controlling body temperature by either heating or cooling at selected areas of application comprising an inner bladder (12) forming a matrix conduit for circulating fluid therethrough having a highly absorbent fabric layer (14) formed on one surface thereof to provide enhancement thermo-conduction and a moisture proof layer (16) formed on the opposite surface thereof to inhibit condensation thereon, the matrix conduit comprising an outer primary fluid path (22/24) disposed about the outer periphery of the thermal blanket and an inner secondary fluid path (26/28), the outer primary fluid path (22/24) being enlarged relative to the inner secondary fluid path (26/28) to form a barrier with the applied area of the patient's body to retain the thermal energy to the applied area and form a moisture barrier therebetween and a plurality of thermal-application channels (30) disposed substantially perpendicular to the outer primary (22/24) and inner secondary (26/28) fluid paths for application to the patient's body.

IPC 1-7

**A61F 7/00**

IPC 8 full level

**A61F 7/02** (2006.01); **A61F 7/08** (2006.01); **A61F 7/10** (2006.01); **A61F 7/00** (2006.01)

CPC (source: EP)

**A61F 7/02** (2013.01); **A61F 2007/0054** (2013.01)

Citation (search report)

- [Y] FR 2355266 A1 19780113 - OLIN CORP [US]
- [Y] US 4149541 A 19790417 - GAMMONS CLIFFORD E, et al
- See references of WO 8503216A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

**WO 8503216 A1 19850801**; AU 3881685 A 19850809; EP 0168483 A1 19860122; EP 0168483 A4 19870120; JP S60502042 A 19851128

DOCDB simple family (application)

**US 8500071 W 19850118**; AU 3881685 A 19850118; EP 85900886 A 19850118; JP 50056385 A 19850118