

Title (en)  
TEMPERATURE-STABILIZED ARTICLES

Title (de)  
TEMPERATURSTABILISIERTER ARTIKEL

Title (fr)  
ARTICLES A TEMPERATURE STABILISEE

Publication  
**EP 1196053 B1 20070110 (EN)**

Application  
**EP 00932674 A 20000519**

Priority  
• US 0014007 W 20000519  
• US 13537499 P 19990521  
• US 14849899 P 19990812

Abstract (en)  
[origin: WO0070983A1] Articles and products for preventing or minimizing temperature increases of a person or object (see the figure). The articles include a base material, and at least one temperature-stabilizing material integral with and dispersed throughout the base material. The temperature-stabilizing materials can be phase change materials and have phase change temperatures. Products can contain a plurality of articles and each article can have a phase change temperature the same as or different than those of other articles in the product. Products include footwear, protective apparel and the like.

IPC 8 full level  
**A43B 13/38** (2006.01); **A43B 17/00** (2006.01); **A43B 1/00** (2006.01); **A43B 7/00** (2006.01); **A43B 7/02** (2006.01); **A43B 7/06** (2006.01); **A43B 7/14** (2006.01); **A43B 7/32** (2006.01); **A43B 7/34** (2006.01); **A43B 13/04** (2006.01); **A43B 23/02** (2006.01)

CPC (source: EP)  
**A43B 1/00** (2013.01); **A43B 7/00** (2013.01); **A43B 7/06** (2013.01); **A43B 7/34** (2013.01); **A43B 13/04** (2013.01)

Cited by  
RU175249U1; US10736789B2

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**WO 0070983 A1 20001130**; AU 5036400 A 20001212; DE 60032899 D1 20070222; DE 60032899 T2 20071025; EP 1196053 A1 20020417; EP 1196053 A4 20030108; EP 1196053 B1 20070110; JP 2003500088 A 20030107; JP 4741736 B2 20110810

DOCDB simple family (application)  
**US 0014007 W 20000519**; AU 5036400 A 20000519; DE 60032899 T 20000519; EP 00932674 A 20000519; JP 2000619303 A 20000519