

Title (en)

SHEET AND COVER FOR PREVENTING BURNING BY SPREADING FIRE, AND COMBINED FIRE-EXTINGUISHING SHEET AND DISASTER-PREVENTING CLOTHING

Title (de)

FEUERHEMMENDE FOLIE UND DECKE ZUR VERHINDERUNG DER AUSBREITUNG VON FEUER SOWIE KOMBINIERTES FEUERHEMMENDE FOLIE UND BRANDSCHUTZBEKLEIDUNG

Title (fr)

FEUILLE ET COUVERTURE IGNIFUGES SERVANT A EMPECHER LA PROPAGATION DU FEU ET FEUILLE IGNIFUGE ET VETEMENT ANTI-BRULURE COMBINES

Publication

**EP 1050323 A1 20001108 (EN)**

Application

**EP 99914765 A 19990416**

Priority

- JP 9902058 W 19990416
- JP 10595898 A 19980416
- JP 16961798 A 19980617
- JP 3219799 A 19990210

Abstract (en)

A sheet for preventing burning by spreading fire which comprises a water-absorptive polymer material layer being capable of absorbing sprayed water and has flexibility sufficient to change the form thereof corresponding to that of an object with which the polymer layer is in contact. When there is a danger of burning by spreading fire, this sheet can be used for cutting off an object from the fire and preventing the object from burning by rendering the water-absorptive polymer material layer contained therein to absorb an abundance of water and form a water-containing layer. A sheet and a cover for preventing burning by spreading fire, and a combined fire-extinguishing sheet and disaster-preventing clothing which comprises a surface side comprising a water-absorptive polymer material layer forming a water-containing layer, and, laminated therewith, a back side comprising substrate having functions of fire resistance, heat resistance, insulation, waterproof, elasticity and protection are also provided. They exhibit an enhanced effect of preventing burning by spreading fire and can protect an object with improved reliability. <IMAGE>

IPC 1-7

**A62C 2/00**; **A62C 8/06**; **A62B 17/00**

IPC 8 full level

**A41D 31/00** (2006.01); **A62C 8/06** (2006.01); **A62C 39/00** (2006.01); **A62C 99/00** (2010.01); **B32B 7/02** (2006.01)

CPC (source: EP KR)

**A41D 31/085** (2019.01 - EP); **A62C 2/00** (2013.01 - KR); **A62C 8/06** (2013.01 - EP)

Cited by

US9700077B2; US7754626B2; US7437774B2; US8726414B2; US10123580B2; US10463097B2; US11076651B2; WO2006044210A1; WO2005105219A1; WO2004094560A1

Designated contracting state (EPC)

DE FI FR GB SE

DOCDB simple family (publication)

**WO 9953999 A1 19991028**; AU 3344699 A 19991108; AU 750967 B2 20020801; CA 2294191 A1 19991028; EP 1050323 A1 20001108; EP 1050323 A4 20020717; JP 2000070395 A 20000307; KR 20010013900 A 20010226

DOCDB simple family (application)

**JP 9902058 W 19990416**; AU 3344699 A 19990416; CA 2294191 A 19990416; EP 99914765 A 19990416; JP 3219799 A 19990210; KR 19997011922 A 19991216