

Title (en)

Underwear comprising fiber containing metal.

Title (de)

Unterwäsche aus Metall enthaltenden Fasern.

Title (fr)

Sous-vêtement réalisé à partir de fibres comportant du métal.

Publication

EP 0582768 A1 19940216 (EN)

Application

EP 93101478 A 19930130

Priority

JP 21355892 A 19920716

Abstract (en)

This invention relates to underwear comprising the fiber containing metal, which comprises fiber materials mixed-spun with 2-50% polyurethane elastic fiber to which at least one of metal oxides selected from alumina, silica, and titania, as well as platinum are mixed as essential components, where in, because metal oxides are mixed in the polyurethane elastic fiber with expandability, electromagnetic radiation (far infrared radiation) liberated from the metal oxides are emitted nearly in close contact with the human body, permitting electromagnetic radiation (far infrared radiation) to work effectively on the contact feeling at the wearing portion as well as when the underwear is put on and thermal conductivity while it is worn, and enabling manifestation of an extremely excellent heat-retaining effect.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

A41B 9/00 (2013.01 - EP KR); **A41B 17/00** (2013.01 - EP)

Citation (search report)

- [A] FR 1594246 A 19700601
- [X] DATABASE WPI Week 9216, Derwent World Patents Index; AN 92-128857
- [X] DATABASE WPI Week 9149, Derwent World Patents Index; AN 91-358561
- [E] DATABASE WPI Week 9320, Derwent World Patents Index; AN 93-165022
- [A] DATABASE WPI Week 9241, Derwent World Patents Index; AN 92-336108

Cited by

EP2955254A4; GB2303375A; GB2303375B; DE10057875A1; CN110424078A; FR2744340A1; BE1011023A5; WO2011059937A3

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