

Title (en)

Device for preventing heat radiation to be visible from outside

Title (de)

Einrichtung zur Verhinderung einer von aussen sichtbar zu machenden Wärmestrahlung

Title (fr)

Dispositif pour empêcher un rayonnement de chaleur d'être visible à l'extérieur

Publication

EP 0843975 A1 19980527 (DE)

Application

EP 96890173 A 19961121

Priority

- EP 96890173 A 19961121
- AT 200191 A 19911008

Abstract (en)

The appliance comprises a protective suit (1,2,3) enclosing the wearer's body, and ventilated by a ventilator. The exterior of the ventilated area (9) is covered by a thermally insulated layer (10). Perforated tubing is contained in the ventilated area, which consists of two flexible layers of material (11,12) held apart by spacer-arms (13). A hood (3) with connection to the ventilator has a transparent, preferably perforated pane (6) over the face area. Gloves have a thermally insulated layer over the back of the hands, and are permeable to air on the palms-side. The fan driven by an electric motor is contained in a small, portable container (4).

Abstract (de)

Zur Verhinderung einer von außen sichtbar zu machenden Wärmestrahlung eines Menschen mittels eines Wärmebildes ist die Kombination folgender, an sich bekannter Maßnahmen vorgesehen: Ein den Körper des Menschen im wesentlichen umhüllender Schutzanzug (1,2,3), der über einen in einem Kleinbehälter (4) angeordneten Lüfter be- oder entlüftet wird, wobei die be- oder entlüftete Zone außen durch eine Wärmedämmschicht bedeckt ist. <IMAGE>

IPC 1-7

A41D 13/00

IPC 8 full level

A41D 13/002 (2006.01)

CPC (source: EP)

A41D 13/0025 (2013.01)

Citation (applicant)

- AT 393966 B 19920110 - BLASCHKE PUMPEN FILTERANLAGEN [AT]
- AT 386745 B 19881010 - BLASCHKE PUMPEN FILTERANLAGEN [AT]

Citation (search report)

- [X] GB 983423 A 19650217 - PAUL WEBB M D
- [XA] CH 642265 A5 19840413 - ABBASZADEGAN RAHIM [CH]
- [A] US 3525334 A 19700825 - BRAMAN RICHARD J, et al
- [A] FR 1155985 A 19580512 - AERAZUR CONSTR AERONAUT
- [A] US 3267486 A 19660823 - HERMAN MADNICK

Cited by

US7636955B2; GB2359612A

Designated contracting state (EPC)

CH DE FR LI SE

DOCDB simple family (publication)

EP 0843975 A1 19980527; EP 0843975 B1 20010404; AT 402858 B 19970925; AT A200191 A 19970115

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