

Title (en)

PROTECTIVE DEVICE FOR SHIELDING PEOPLE FROM HIGH-FREQUENCY ELECTROMAGNETIC FIELDS

Title (de)

ATMUNGSFÄHIGES MATERIAL FÜR SCHUTZKLEIDUNG FÜR MENSCHEN ZUR ABSCHIRMUNG GEGEN ELEKTROMAGNETISCHE HOCHFREQUENZFELDER

Title (fr)

MATERIEL LAISSANT RESPIRER LA PEAU POUR DES VETEMENTS DE PROTECTION CREANT UN ECRAN PROTEGEANT DES PERSONNES DE CHAMPS ELECTROMAGNETIQUES HAUTE FREQUENCE

Publication

**EP 0758479 B1 19980513 (DE)**

Application

**EP 95917951 A 19950425**

Priority

- DE 4415372 A 19940502
- EP 9501548 W 19950425

Abstract (en)

[origin: WO9530229A1] A protective device is disclosed for shielding people from high-frequency electromagnetic fields and/or to provide camouflage against heat-imaging systems. The proposed device is designed as a suit which surrounds an individual and is made from a carrier material which is provided with shielding fibres or yarns or additional shielding components. The base material used to make the carrier material, or the carrier material itself, contains <u>polyamide fibres or polyamide yarns</u> (1) which are given an all-over <u>silver coating layer</u> (2). A <u>polymer layer</u> (3) is applied to the silver coating layer on the outside and <u>seals</u> the silver-metallized fibres or yarns.

IPC 1-7

**G21F 3/02**

IPC 8 full level

**A62B 17/00** (2006.01); **A62B 99/00** (2009.01); **G21F 3/02** (2006.01); **H01Q 17/00** (2006.01)

CPC (source: EP)

**A62B 17/00** (2013.01); **A62B 99/00** (2013.01); **H01Q 17/005** (2013.01)

Cited by

EA018617B1; DE10353582A1; DE102004011514A1; DE102004011514B4; US7838804B2; US8288693B2; US7682774B2; US7714256B2; US8106338B2; WO2008114294A1; WO2008114295A1

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