

Title (en)

Filament having ultraviolet ray hiding effect and fabric manufactured from said filament

Title (de)

Endlosfaden welcher ultraviolettstrahlen zurückhält und daraus hergestelltes Gewebe

Title (fr)

Filament retenant les rayons ultraviolets et tissu fabriqué de ce filament

Publication

EP 1471169 A1 20041027 (EN)

Application

EP 03009267 A 20030423

Priority

EP 03009267 A 20030423

Abstract (en)

A fiber with ultraviolet covering and reflective effect for use in textile manufacturing comprises inorganic particles having average particle diameter less than 300 nm and constituting less than 1% weight of the total fiber. An independent claim is also included for uncoagulated inorganic metal particles.

IPC 1-7

D01F 1/10

IPC 8 full level

D01F 1/10 (2006.01)

CPC (source: EP)

D01F 1/10 (2013.01); **D01F 1/106** (2013.01)

Citation (search report)

- [A] GB 2371567 A 20020731 - DU PONT [US]
- [A] WO 9803708 A1 19980129 - AKZO NOBEL NV [NL], et al
- [X] GB 932654 A 19630731 - DOW CHEMICAL CO
- [X] GB 1013367 A 19651215 - ARCHER DANIELS MIDLAND CO
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 540 (C - 1115) 29 September 1993 (1993-09-29)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 499 (C - 1109) 9 September 1993 (1993-09-09)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 597 (C - 1127) 2 November 1993 (1993-11-02)

Cited by

CN109655433A; AU2010262770B2; CN115139599A; WO2010144925A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1471169 A1 20041027

DOCDB simple family (application)

EP 03009267 A 20030423