

Title (en)  
THERMAL INSULATION FIBRE AND TEXTILE MADE THEREFROM

Title (de)  
WÄRMEDÄMMUNGSFASER UND TEXTILSTOFF DARAUS

Title (fr)  
FIBRE THERMO-ISOLANTE ET TEXTILE CONSTITUÉ DE CETTE DERNIÈRE

Publication  
**EP 2966198 A4 20160928 (EN)**

Application  
**EP 13877200 A 20130411**

Priority

- CN 201310069914 A 20130305
- CN 2013074113 W 20130411

Abstract (en)  
[origin: EP2966198A1] Disclosed are a thermal insulation fiber, a thermal insulation textile and a use of a fiber containing a nano unit in manufacturing a thermal textile. The thermal insulation fiber includes a conventional fiber; and a nanounit. Based on a total weight of the convention fiber, the nano unit is of a content of 0.1wt % to 3wt%, so as to improve an insulation rate of the thermal insulation fiber; the nano unit comprises a microparticle having a size of 300nm to 8000nm; and the microparticle comprises at least one of a mixture of Ti and Ce, a mixture of Ti and Mg, and a mixture of Ti, Ce, Mg, Si and Ca.

IPC 8 full level  
**D01F 1/10** (2006.01); **A41D 31/00** (2006.01); **B82Y 30/00** (2011.01); **D01F 1/02** (2006.01); **D01F 2/08** (2006.01)

CPC (source: EP US)  
**D01F 1/10** (2013.01 - EP US); **A41D 31/06** (2019.01 - EP US); **D10B 2401/022** (2013.01 - US); **D10B 2501/02** (2013.01 - US)

Citation (search report)

- [X] WO 03056075 A1 20030710 - IBEKS TECHNOLOGIES CO LTD [KR], et al
- [L] CN 103160943 A 20130619 - MAO YINGJUN
- See references of WO 2014134857A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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