

Title (en)
FILAMENT FOR ARTIFICIAL HAIR AND ARTIFICIAL HAIR PRODUCT

Title (de)
FILAMENT FÜR KUNSTHAAR UND KUNSTHAARPRODUKT

Title (fr)
FILAMENT POUR CHEVEUX ARTIFICIELS ET PRODUIT DE CHEVEUX ARTIFICIELS

Publication
EP 3069625 A4 20170426 (EN)

Application
EP 14860534 A 20141106

Priority
• JP 2013232698 A 20131111
• JP 2014079476 W 20141106

Abstract (en)
[origin: EP3069625A1] It is a task to provide a filament for artificial hair which is excellent in terms of volume and luster and not subject to yarn cracking or yarn breakage. The filament for artificial hair is a filament of a thermoplastic resin, its shape of a cross section in a direction perpendicular to a fiber axis is a multilobal shape having three or more interlobe gap regions, widths W2 of the interlobe gap regions are 10 to 60% of a width W1 of the filament, and depths H2 of the interlobe gap regions are 5 to 30% of a height H1 of the filament.

IPC 8 full level
A41G 3/00 (2006.01)

CPC (source: EP KR US)
A41G 3/00 (2013.01 - KR); **A41G 3/0083** (2013.01 - EP KR US); **D01D 5/253** (2013.01 - EP KR US); **D10B 2503/08** (2013.01 - KR)

Citation (search report)
• [X] US 2008210250 A1 20080904 - HORIHATA ATSUSHI [JP], et al
• See references of WO 2015068771A1

Cited by
EP3760769A1; US11885043B2

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)
EP 3069625 A1 20160921; EP 3069625 A4 20170426; EP 3069625 B1 20190102; CN 105934172 A 20160907; JP 6970399 B2 20211124; JP WO2015068771 A1 20170309; KR 20160085792 A 20160718; PH 12016500849 A1 20160613; PH 12016500849 B1 20160613; US 2016302504 A1 20161020; WO 2015068771 A1 20150514

DOCDB simple family (application)
EP 14860534 A 20141106; CN 201480061684 A 20141106; JP 2014079476 W 20141106; JP 2015518671 A 20141106; KR 20167014148 A 20141106; PH 12016500849 A 20160506; US 201415035806 A 20141106