

Title (en)
POLYAMIDE MULTIFILAMENT AND COVERING ELASTIC YARN

Title (de)
POLYAMID-MULTIFILAMENT UND ELASTISCHES DECKGARN

Title (fr)
MULTIFILAMENT DE POLYAMIDE ET FIL ÉLASTIQUE DE RECOUVREMENT

Publication
EP 3885477 A1 20210929 (EN)

Application
EP 19887174 A 20191119

Priority
• JP 2018218431 A 20181121
• JP 2019045282 W 20191119

Abstract (en)
The present invention addresses the problem of providing a high-strength polyamide multifilament from which stockings having excellent wearability and also having excellent transparency and texture can be produced. The problem can be achieved by a polyamide multifilament having a total fiber fineness of 6 to 20 dtex, loop strength of 12 cN/dtex or more, and a degree of flatness, which is represented by the ratio (b/a) of a longer diameter b of a transverse section of a single fiber to a shorter diameter a of the transverse section, of 1.5 to 5.0.

IPC 8 full level
D01F 6/60 (2006.01); **A41B 11/14** (2006.01); **D02G 3/32** (2006.01); **D02G 3/38** (2006.01); **D04B 1/24** (2006.01)

CPC (source: EP KR)
A41B 11/14 (2013.01 - KR); **D01D 5/084** (2013.01 - EP); **D01D 5/253** (2013.01 - EP); **D01F 6/60** (2013.01 - EP KR); **D02G 3/32** (2013.01 - EP KR); **D02G 3/38** (2013.01 - KR); **D04B 1/18** (2013.01 - EP); **D04B 1/24** (2013.01 - KR); **D04B 1/26** (2013.01 - EP); **A41B 11/14** (2013.01 - EP); **D10B 2331/02** (2013.01 - EP)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3885477 A1 20210929; **EP 3885477 A4 20230503**; CN 113039313 A 20210625; JP 7363766 B2 20231018; JP WO2020105637 A1 20210930; KR 20210089669 A 20210716; TW 202028553 A 20200801; TW I793386 B 20230221; WO 2020105637 A1 20200528

DOCDB simple family (application)
EP 19887174 A 20191119; CN 201980075245 A 20191119; JP 2019045282 W 20191119; JP 2020506824 A 20191119; KR 20217014398 A 20191119; TW 108142355 A 20191121