

Title (en)
ULTRA-FINE HIGH-STRENGTH POLYAMIDE MULTIFILAMENT, AND COVERING YARN, STOCKING, AND FABRIC USING SAME

Title (de)
ULTRAFEINES, HOCHFESTES POLYAMIDMULTIFILAMENT UND UMSPINNUNGSGARN, SOCKE UND STOFF MIT VERWENDUNG DAVON

Title (fr)
MULTI-FILAMENT DE POLYAMIDE ULTRA-FIN À HAUTE RÉSISTANCE ET FIL DE GUIPAGE, BAS ET TISSU L'UTILISANT

Publication
EP 3219835 A1 20170920 (EN)

Application
EP 15859298 A 20151105

Priority
• JP 2014230055 A 20141112
• JP 2015081110 W 20151105

Abstract (en)
A polyamide multifilament, characterized in having a total fineness of 4.0-6.0 dtex, a single yarn fineness of 1.2 dtex or below, a strength-elongation product of 9.1 or above, and an elongation degree of 40-50%. Provided is a polyamide fiber having a small total fineness and single fiber fineness while having a high strength-elongation product and exhibiting a low unevenness (U%) in the longitudinal direction. Also provided are: a stocking exhibiting an excellent higher-order process passability and productivity and exhibiting an excellent softness, durability, and transparent feel; and a fabric exhibiting an excellent softness and durability.

IPC 8 full level
D01F 6/60 (2006.01); **A41B 11/00** (2006.01); **A41B 11/14** (2006.01); **D02G 3/36** (2006.01); **D03D 15/00** (2006.01)

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