

Title (en)

MOISTURE-ABSORBING CORE-SHEATH COMPOSITE YARN, AND FABRIC

Title (de)

FEUCHTIGKEITSABSORBIERENDES KERN-HÜLLE- VERBUNDGARN UND GEWEBE

Title (fr)

FIL COMPOSITE ÂME-GAINE ABSORBANT L'HUMIDITÉ

Publication

EP 3388562 B1 20201223 (EN)

Application

EP 16872761 A 20161114

Priority

- JP 2015239504 A 20151208
- JP 2016083644 W 20161114

Abstract (en)

[origin: EP3388562A1] A moisture-absorbing core-sheath composite yarn is provided in which the sheath polymer is a polyamide, the core polymer is a polyetheresteramide copolymer, and the strength retention after a 150 °C 1-hour dry heat treatment is 50% or higher. The core-sheath composite yarn has high moisture-absorbing performance, is more comfortable than natural fibers, and can retain the soft texture, durability, and moisture-absorbing/releasing performance even when laundered and dried repeatedly.

IPC 8 full level

D01F 8/12 (2006.01); **D02G 3/02** (2006.01); **D03D 15/00** (2006.01)

CPC (source: EP KR US)

D01D 5/098 (2013.01 - US); **D01D 5/34** (2013.01 - KR US); **D01F 8/12** (2013.01 - EP KR US); **D01F 8/16** (2013.01 - US); **D02G 3/02** (2013.01 - EP US); **D02G 3/045** (2013.01 - US); **D03D 15/283** (2021.01 - KR); **D03D 15/47** (2021.01 - EP KR US); **D03D 15/513** (2021.01 - KR); **D04B 1/16** (2013.01 - US); **D10B 2331/02** (2013.01 - EP US); **D10B 2331/06** (2013.01 - EP US); **D10B 2401/02** (2013.01 - US); **D10B 2401/022** (2013.01 - EP US); **D10B 2401/04** (2013.01 - KR); **D10B 2401/06** (2013.01 - KR)

Cited by

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DOCDB simple family (publication)

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