

Title (en)
COMBINATION YARN

Title (de)
KOMBINATIONSGARN

Title (fr)
FIL COMBINÉ

Publication
EP 3835480 A1 20210616 (EN)

Application
EP 20154782 A 20200131

Priority
US 201962946163 P 20191210

Abstract (en)

The present disclosure provides combination yarns and carpets formed therefrom, in particular combination yarns comprising a first single primarily PET yarn and a second single primarily PTT yarn, wherein at least one of the first single yarn or the second single yarn includes one or more additives which increases dye uptake.

IPC 8 full level

D06N 7/00 (2006.01); **D01F 1/10** (2006.01); **D01F 6/62** (2006.01); **D02G 3/04** (2006.01); **D02G 3/44** (2006.01); **D05C 17/02** (2006.01)

CPC (source: EP US)

D01F 1/10 (2013.01 - EP); **D01F 6/62** (2013.01 - EP US); **D02G 3/445** (2013.01 - EP US); **D06N 7/0065** (2013.01 - EP US);
D06N 2209/0807 (2013.01 - EP); **D10B 2331/04** (2013.01 - EP); **D10B 2401/14** (2013.01 - EP); **D10B 2503/04** (2013.01 - EP)

Citation (search report)

- [Y] WO 2012012597 A2 20120126 - DU PONT [US], et al
- [Y] JP 2005023495 A 20050127 - SOLOTEX CORP
- [Y] US 2012180232 A1 20120719 - BAUM PIA [DE], et al
- [Y] WO 0110929 A1 20010215 - EASTMAN CHEM CO [US]
- [Y] YANG Y ET AL: "DYEING OF PTT/PET BLENDS", AATCC REVIEW,, vol. 2, no. 8, 1 August 2002 (2002-08-01), pages 54 - 59, XP001225386, ISSN: 1532-8813

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 3835480 A1 20210616; AU 2020399650 A1 20220609; EP 4073302 A1 20221019; EP 4073302 A4 20240327; US 2023020177 A1 20230119;
WO 2021119076 A1 20210617

DOCDB simple family (application)

EP 20154782 A 20200131; AU 2020399650 A 20201209; EP 20899270 A 20201209; US 2020063929 W 20201209;
US 202017780692 A 20201209