

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
7 January 2016 (07.01.2016)



(10) International Publication Number
WO 2016/000968 A1

- (51) International Patent Classification:
D01F 1/10 (2006.01) *D01F 6/62* (2006.01)
- (21) International Application Number:
PCT/EP2015/063663
- (22) International Filing Date:
18 June 2015 (18.06.2015)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
14175252.7 1 July 2014 (01.07.2014) EP
- (71) Applicant: **OMYA INTERNATIONAL AG** [CH/CH];
Baslerstrasse 42, CH-4665 Oftringen (CH).
- (72) Inventors: **BRUNNER, Martin**; Rosenstrasse 5, CH-4323
Wallbach (CH). **HIRSIGER, Christoph**; Chriützweg 10,
CH-3425 Koppigen (CH). **PULLEGA, Francesco**; Via
dello Spiraglio, 5, I-40138 Bologna (IT). **RENTSCH,**
Samuel; Burgpark 2, CH-4663 Aarburg (CH). **TINKL,**
Michael; Kornbergweg 5, CH-5073 Gipf-Oberfrick (CH).
- (74) Agent: **GLAS, Holger**; Maiwald Patentanwalts GmbH,
Elisenhof, Elisenstraße 3, 80335 Munich (DE).
- (81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG,
MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,
PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC,
SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ,
TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU,
TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE,
DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*

(54) Title: MULTIFILAMENT POLYESTER FIBRES

(57) Abstract: The present invention concerns a multifilament fibre comprising at least one polymer comprising a polyester, and at least one filler comprising calcium carbonate. The present invention further relates to a process of producing such a multifilament fibre as well as the use of calcium carbonate as filler in a multifilament fibre comprising at least one polymer comprising a polyester.

WO 2016/000968 A1