

Title (en)
FABRIC COMPRISING COATED YARN CAPABLE OF CONTROLLING TRANSMITTANCE

Title (de)
GEWEBE MIT BESCHICHTETEM GARN ZUR STEUERUNG DER DURCHLÄSSIGKEIT

Title (fr)
TISSU COMPRENANT UN FIL REVÊTU POUVANT RÉGULER LA TRANSMITTANCE

Publication
EP 3808884 A4 20220420 (EN)

Application
EP 20818721 A 20200604

Priority
• KR 20190066799 A 20190605
• KR 2020007287 W 20200604

Abstract (en)
[origin: EP3808884A1] The present invention relates to a fabric comprising a coated yarn which is composed of a core yarn and a coating layer for coating the core yarn, and which can control transmittance, wherein the core yarn is a colored yarn having a color L value of 0-70, the coating layer is formed of a polymer resin containing an inorganic material, and the fabric has a color L value of 70 or higher, a light reflectance (R) of 40-70% and a light absorption rate (A) of 25% or higher.

IPC 8 full level
D03D 15/00 (2021.01); **D02G 3/36** (2006.01); **D02G 3/40** (2006.01); **D06M 11/46** (2006.01); **D06M 11/47** (2006.01); **D06M 15/248** (2006.01); **D06M 15/333** (2006.01); **D06M 15/507** (2006.01); **D06M 15/53** (2006.01); **D06M 15/564** (2006.01)

CPC (source: EP KR)
D01F 1/04 (2013.01 - EP); **D02G 3/346** (2013.01 - EP); **D02G 3/36** (2013.01 - KR); **D02G 3/404** (2013.01 - EP); **D03D 15/47** (2021.01 - KR); **D03D 15/54** (2021.01 - KR); **D06M 11/44** (2013.01 - KR); **D06M 11/46** (2013.01 - KR); **D06M 11/47** (2013.01 - KR); **D06M 11/74** (2013.01 - KR); **D06M 11/76** (2013.01 - KR); **D06M 11/79** (2013.01 - KR); **D06M 15/248** (2013.01 - KR); **D06M 15/333** (2013.01 - KR); **D06M 15/507** (2013.01 - KR); **D06M 15/53** (2013.01 - KR); **D06M 15/564** (2013.01 - KR); **D01F 1/06** (2013.01 - EP); **D01F 6/62** (2013.01 - EP); **D10B 2503/03** (2013.01 - EP)

Citation (search report)
• [X] EP 2995717 A1 20160316 - NITTO BOSEKI CO LTD [JP]
• [A] JP 2004316067 A 20041111 - HIRAOKA & CO LTD
• See also references of WO 2020246826A1

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 3808884 A1 20210421; **EP 3808884 A4 20220420**; KR 102188328 B1 20201210; WO 2020246826 A1 20201210

DOCDB simple family (application)
EP 20818721 A 20200604; KR 20190066799 A 20190605; KR 2020007287 W 20200604