

Title (en)
CUT-RESISTANT POLYETHYLENE YARN

Title (de)
SCHNITTFESTES POLYETHYLENGARN

Title (fr)
FIL DE POLYÉTHYLÈNE RÉSISTANT AUX COUPURES

Publication
EP 4183906 A1 20230524 (EN)

Application
EP 21915837 A 20211229

Priority
• KR 20200188253 A 20201230
• KR 2021020200 W 20211229

Abstract (en)
Provided is a cut-resistant polyethylene yarn, and more particularly, a cut-resistant polyethylene yarn which allows manufacture of a product having excellent cut resistance and providing excellent wearability.

IPC 8 full level
D01F 6/04 (2006.01); **D01D 5/088** (2006.01); **D01D 5/098** (2006.01); **D02G 3/44** (2006.01); **D02J 1/08** (2006.01)

CPC (source: EP KR US)
D01D 5/08 (2013.01 - EP); **D01D 5/088** (2013.01 - KR); **D01D 5/098** (2013.01 - KR); **D01D 5/12** (2013.01 - EP); **D01F 6/04** (2013.01 - EP KR); **D02G 3/02** (2013.01 - US); **D02G 3/045** (2013.01 - US); **D02G 3/38** (2013.01 - US); **D02G 3/442** (2013.01 - EP KR US); **D02J 1/08** (2013.01 - EP KR); **D02J 1/228** (2013.01 - EP); **D04B 1/28** (2013.01 - US); **D04B 21/207** (2013.01 - US); **D01D 5/088** (2013.01 - EP); **D01D 5/096** (2013.01 - EP); **D10B 2321/021** (2013.01 - EP US); **D10B 2321/0211** (2013.01 - KR); **D10B 2331/02** (2013.01 - US); **D10B 2331/10** (2013.01 - US); **D10B 2401/06** (2013.01 - US); **D10B 2401/063** (2013.01 - US); **D10B 2501/041** (2013.01 - KR US)

Citation (search report)
See references of WO 2022146040A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4183906 A1 20230524; CN 116261610 A 20230613; JP 2023544147 A 20231020; KR 20220097302 A 20220707; TW 202237915 A 20221001; TW 1821848 B 20231111; US 2023357966 A1 20231109; WO 2022146040 A1 20220707

DOCDB simple family (application)
EP 21915837 A 20211229; CN 202180065215 A 20211229; JP 2023519851 A 20211229; KR 20210191005 A 20211229; KR 2021020200 W 20211229; TW 110149692 A 20211230; US 202118043035 A 20211229