

Title (en)
PRODUCTION METHOD FOR GARMENT, DYED CLOTH, AND CHEMICAL AGENT

Title (de)
HERSTELLUNGSVERFAHREN FÜR KLEIDUNG, GEFÄRBTEN STOFF UND CHEMISCHES MITTEL

Title (fr)
PROCÉDÉ DE FABRICATION DE VÊTEMENT, TISSU TEINTÉ, ET AGENT CHIMIQUE

Publication
EP 3971341 A4 20230621 (EN)

Application
EP 20908674 A 20201204

Priority
• JP 2019240232 A 20191229
• JP 2020045252 W 20201204

Abstract (en)
[origin: EP3971341A1] The present invention addresses the problem of providing: a method for producing garments that use dyed cloth on which whiteness easily emerges due to heating by irradiation with laser or the like and which can be efficiently decolorized; dyed cloth used in production of decolorized garments; and a chemical agent used in decolorization of dyed cloth. [Solution] This production method for garments is characterized by using a heat treatment to decolorize garments which use dyed cloth containing an alkanolamine. The temperature of the heat treatment is preferably 160-180°C, and the heat treatment is more preferably a laser machining treatment.

IPC 8 full level
D06M 10/00 (2006.01); **D06B 11/00** (2006.01); **D06C 23/00** (2006.01); **D06M 13/325** (2006.01); **D06P 1/673** (2006.01); **D06P 3/60** (2006.01); **D06P 5/02** (2006.01); **D06P 5/04** (2006.01); **D06P 5/06** (2006.01); **D06P 5/13** (2006.01); **D06P 5/15** (2006.01); **D06P 5/20** (2006.01); **D06Q 1/00** (2006.01)

CPC (source: CN EP US)
D06B 11/0096 (2013.01 - EP); **D06M 10/005** (2013.01 - US); **D06M 13/325** (2013.01 - US); **D06P 1/645** (2013.01 - US); **D06P 1/67308** (2013.01 - EP); **D06P 1/67333** (2013.01 - EP); **D06P 3/6025** (2013.01 - EP); **D06P 5/04** (2013.01 - EP); **D06P 5/06** (2013.01 - EP); **D06P 5/13** (2013.01 - EP); **D06P 5/131** (2013.01 - CN EP US); **D06P 5/137** (2013.01 - EP US); **D06P 5/151** (2013.01 - EP); **D06P 5/158** (2013.01 - EP); **D06P 5/2005** (2013.01 - CN EP US); **D06P 5/2077** (2013.01 - CN EP US); **D06Q 1/00** (2013.01 - EP)

Citation (search report)
• [X] US 2018291553 A1 20181011 - SCHIMPER CHRISTIAN BRUNO [AT], et al
• [X] JP S56118985 A 19810918 - DAINIPPON INK & CHEMICALS
• See references of WO 2021137277A1

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

DOCDB simple family (publication)
EP 3971341 A1 20220323; **EP 3971341 A4 20230621**; CN 113994045 A 20220128; JP WO2021137277 A1 20210708;
US 2022228314 A1 20220721; WO 2021137277 A1 20210708

DOCDB simple family (application)
EP 20908674 A 20201204; CN 202080045483 A 20201204; JP 2020045252 W 20201204; JP 2021568455 A 20201204;
US 202017621131 A 20201204