

Title (en)

LOW TEMPERATURE FIBER SPINNING AND TEXTILE FINISHING METHOD

Title (de)

NIEDRIGTEMPERATURFASERSPINNEN UND TEXTILVEREDELUNGSVERFAHREN

Title (fr)

FILAGE DE FIBRES À BASSE TEMPÉRATURE ET PROCÉDÉ DE FINITION DE TEXTILES

Publication

**EP 3216900 A2 20170913 (EN)**

Application

**EP 16175529 A 20160621**

Priority

US 201615005083 A 20160125

Abstract (en)

Methods for spinning, weaving, and finishing fabric and/or cloth containing cotton fibers are disclosed. The methods of the invention are performed at lower ambient, solution and/or working temperatures than is previously known in the art. The reduced temperature processing improves various qualities of the resulting textile products and fabrics and lowers costs of operating the processing facility.

IPC 8 full level

**D01H 13/30** (2006.01); **D01G 99/00** (2010.01)

CPC (source: EP US)

**D01B 1/02** (2013.01 - US); **D01G 15/02** (2013.01 - US); **D01G 21/00** (2013.01 - EP US); **D01G 99/005** (2013.01 - EP US);  
**D01H 13/304** (2013.01 - EP US); **D02G 3/02** (2013.01 - EP US); **D03D 15/217** (2021.01 - EP US); **D06P 3/60** (2013.01 - US);  
**D06P 3/66** (2013.01 - EP US); **D06L 4/13** (2016.12 - EP US); **D06M 11/38** (2013.01 - EP US); **D10B 2201/02** (2013.01 - EP US)

Cited by

CN107541813A; CN107419369A, CN107460563A

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)

**US 2017211228 A1 20170727**; EP 3216900 A2 20170913; EP 3216900 A3 20171122

DOCDB simple family (application)

**US 201615005083 A 20160125**; EP 16175529 A 20160621