

Title (en)

APPARATUS AND METHOD FOR PRE-TREATING FABRIC IN VAT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VORBEHANDLUNG VON GEWEBE IN VAT

Title (fr)

APPAREIL ET PROCÉDÉ DE PRÉTRAITEMENT DE TISSU EN CUVE

Publication

**EP 3372720 A4 20181205 (EN)**

Application

**EP 16874284 A 20160303**

Priority

- CN 201510925057 A 20151214
- CN 2016075425 W 20160303

Abstract (en)

[origin: EP3372720A1] This patent application provides a device and method to pretreat fabric inside the dyeing machine. When fabric is cycling in the dyeing machine, steam nozzle can be installed after fabric delivery channel, spraying high temperature steam to the fabric; releasing internal stress and improve cycling smoothness. This can effectively reduce repeated folding on fabric, reduce dyeing time and dehydrate fabric. Operators will not require pretreatment device to achieve the same result, saving energy, reducing carbon foot print and cost.

IPC 8 full level

**D06B 3/28** (2006.01)

CPC (source: CN EP)

**D06B 3/28** (2013.01 - CN EP)

Citation (search report)

- [XA] WO 9950493 A1 19991007 - THEN MASCH & APP [DE], et al
- [X] JP 2006207041 A 20060810 - THEN MASCHINEN BVI LTD
- [A] JP H07133579 A 19950523 - HISAKA WORKS LTD
- See references of WO 2017101218A1

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 3372720 A1 20180912; EP 3372720 A4 20181205; EP 3372720 B1 20191016**; CN 105401362 A 20160316; HK 1216910 A1 20161209; TW 201720981 A 20170616; WO 2017101218 A1 20170622

DOCDB simple family (application)

**EP 16874284 A 20160303**; CN 201510925057 A 20151214; CN 2016075425 W 20160303; HK 16104651 A 20160422; TW 105109483 A 20160325