

Title (en)  
APPARATUS FOR DECONSTRUCTING TEXTILE WASTE MATERIALS

Title (de)  
VORRICHTUNG ZUR DEKONSTRUKTION VON TEXTILABFALLMATERIALIEN

Title (fr)  
APPAREIL DE DÉCONSTRUCTION DE DÉCHETS TEXTILES

Publication  
**EP 3426829 A4 20191030 (EN)**

Application  
**EP 17763760 A 20170301**

Priority  
• US 201662305288 P 20160308  
• US 2017020156 W 20170301

Abstract (en)  
[origin: WO2017155757A2] The present invention relates to an apparatus for quality deconstruction of textile waste materials which comprises an initial feedbox or hopper, a feedbox conveyor, one or more than one serially-connected treatment/deconstruction groups, an outlet conveyor, and a centralized computer controller. The apparatus described herein can produce fibers with one or more enhanced qualities relative to those fibers produced by tearing drums.

IPC 8 full level  
**D01G 11/00** (2006.01)

CPC (source: EP US)  
**D01G 11/00** (2013.01 - EP US); **Y02W 30/66** (2015.05 - EP US)

Citation (search report)  
• [XAI] US 6378179 B1 20020430 - HIRSCH GARY F [US]  
• [XA] US 2011057346 A1 20110310 - NUNN KAYREN J [US]  
• [A] US 3676991 A 19720718 - FAIRFIELD HUGH J  
• See references of WO 2017155757A2

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)  
**WO 2017155757 A2 20170914; WO 2017155757 A3 20171102**; CN 110100051 A 20190806; EP 3426829 A2 20190116;  
EP 3426829 A4 20191030; IL 261688 A 20181031; JP 2019512618 A 20190516; RU 2018135025 A 20200408; US 2019100859 A1 20190404

DOCDB simple family (application)  
**US 2017020156 W 20170301**; CN 201780027311 A 20170301; EP 17763760 A 20170301; IL 26168818 A 20180908;  
JP 2018567565 A 20170301; RU 2018135025 A 20170301; US 201716083200 A 20170301