

Title (en)

SEPARATION OF MATERIALS COMPRISING SUPER ABSORBENT POLYMERS USING REDUCED WATER

Title (de)

ABSCHEIDUNG VON MATERIALIEN MIT SUPERABSORBIERENDEN POLYMEREN MIT WENIG WASSER

Title (fr)

SÉPARATION DE MATÉRIAUX COMPRENANT DES POLYMIÈRES SUPER-ABSORBANTS UTILISANT DE L'EAU RÉDUITE

Publication

EP 2782651 A1 20141001 (EN)

Application

EP 11876232 A 20111123

Priority

US 2011062076 W 20111123

Abstract (en)

[origin: WO2013077877A1] Embodiments of the present disclosure include a method for separating a material comprising a super absorbent polymer, a fiber and a plastic to separate the material into components thereof, one method comprising shredding the material, adding salt to the material, and agitating the material, wherein the material does not comprise a slurry.

IPC 8 full level

B01D 15/00 (2006.01); **B29B 17/02** (2006.01)

CPC (source: EP)

B29B 17/02 (2013.01); **B29B 2017/0203** (2013.01); **B29L 2031/4878** (2013.01); **Y02W 30/62** (2015.05)

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 2013077877 A1 20130530; AU 2011381567 A1 20140522; AU 2011381567 B2 20161222; CA 2854441 A1 20130530;
EP 2782651 A1 20141001; EP 2782651 A4 20150708; HK 1202479 A1 20151002

DOCDB simple family (application)

US 2011062076 W 20111123; AU 2011381567 A 20111123; CA 2854441 A 20111123; EP 11876232 A 20111123; HK 15103158 A 20150330