

Title (en)  
METHOD FOR PROCESSING MATERIALS AND A CORRESPONDING DEVICE

Title (de)  
VERFAHREN ZUR AUFBEREITUNG VON WERKSTOFFEN UND EINE ENTSPRECHENDE VORRICHTUNG

Title (fr)  
PROCÉDÉ DE TRAITEMENT DE MATIÈRES ET DISPOSITIF CORRESPONDANT

Publication  
**EP 3030393 A1 20160615 (DE)**

Application  
**EP 14715200 A 20140213**

Priority  
DE 2014200060 W 20140213

Abstract (en)  
[origin: WO2015120830A1] A method for processing materials, in particular recycling material, consisting of composite materials or material composites, preferably composite film, consisting of at least two different substances (6, 7), wherein the substances (6, 7) have different softening or melting temperatures, comprising the following method steps: introducing the material into a processing unit (3), heating the material to a temperature at which the substance with the lower softening or melting temperature forms denser agglomerates, while the other substance retains its original state or changes only slightly, discharging the material from the processing unit (3). Furthermore, a device for processing materials, in particular recycling material, consisting of composite materials or material composites, preferably composite film, consisting of at least two different substances (6, 7), wherein the substances (6, 7) have different softening or melting temperatures, is claimed for carrying out a method.

IPC 8 full level  
**B29B 17/02** (2006.01)

CPC (source: EP)  
**B29B 17/02** (2013.01); **B29B 2017/0203** (2013.01); **B29B 2017/0231** (2013.01); **B29B 2017/0255** (2013.01); **B29K 2023/04** (2013.01); **B29K 2077/00** (2013.01); **B29L 2007/008** (2013.01); **B29L 2009/00** (2013.01); **Y02W 30/62** (2015.05)

Citation (search report)  
See references of WO 2015120830A1

Citation (examination)  
ANONYMOUS: "Segregation of polymeric and non-polymeric composites, laminates and other layered structures", RESEARCH DISCLOSURE, MASON PUBLICATIONS, HAMPSHIRE, GB, vol. 441, no. 120, 1 January 2001 (2001-01-01), XP007127509, ISSN: 0374-4353

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)  
**WO 2015120830 A1 20150820**; DE 112014006366 A5 20161027; EP 3030393 A1 20160615

DOCDB simple family (application)  
**DE 2014200060 W 20140213**; DE 112014006366 T 20140213; EP 14715200 A 20140213