

Title (en)

METHOD FOR SEPARATION OF COATING FROM COATED GLASS WASTE AND APPARATUS SUITABLE FOR THIS PURPOSE

Title (de)

VERFAHREN ZUR TRENNUNG DER BESCHICHTUNG VON BESCHICHTETEN GLASABFÄLLEN UND DAFÜR GEEIGNETE VORRICHTUNG

Title (fr)

PROCÉDÉ DE SÉPARATION DE REVÊTEMENT À PARTIR DE DÉCHETS DE VERRE REVÊTUS ET APPAREIL APPROPRIÉ À CET EFFET

Publication

EP 3714075 A1 20200930 (EN)

Application

EP 18803977 A 20181116

Priority

- NL 2019947 A 20171121
- US 201715819583 A 20171121
- EP 2018081507 W 20181116

Abstract (en)

[origin: WO2019101633A1] The current invention, in a first aspect, concerns a method for separating a lead component from a lead coated glass, for instance glass from a CRT recycling process, whereby the coated glass is crushed and ground to achieve a finely grained material of a mixture of a glass fraction and a lead fraction and whereby the lead fraction is separated from the glass fraction based upon a difference in specific weight and / or density. In a second aspect the current invention concerns an apparatus for separating a lead component from a lead coated glass, for instance glass from a CRT recycling process, whereby said apparatus is provided with a grinding unit, whereby said apparatus comprises a separator unit suited for separation based upon a difference in specific weight and / or density.

IPC 8 full level

B03B 9/06 (2006.01); **C22B 1/00** (2006.01); **C22B 13/02** (2006.01); **H01J 9/50** (2006.01)

CPC (source: EP)

B03B 9/062 (2013.01); **C22B 1/005** (2013.01); **C22B 13/025** (2013.01); **H01J 9/52** (2013.01); **Y02P 10/20** (2015.11); **Y02W 30/52** (2015.05); **Y02W 30/60** (2015.05); **Y02W 30/82** (2015.05)

Citation (search report)

See references of WO 2019101633A1

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 2019101633 A1 20190531; EP 3714075 A1 20200930

DOCDB simple family (application)

EP 2018081507 W 20181116; EP 18803977 A 20181116