

Title (en)
METHOD FOR SEPARATING LEAD FROM COATED GLASS

Title (de)
METHODE ZUR BLEI-ABTRENNUNG VON BESCHICHTETEM GLASS

Title (fr)
PROCEDE SERVANT A SEPARER DU PLOMB DE VERRE ENDUIT

Publication
EP 1154860 A1 20011121 (EN)

Application
EP 99956434 A 19991006

Priority
• SE 9901789 W 19991006
• SE 9803388 A 19981006

Abstract (en)
[origin: WO0020121A1] The invention relates to a method for separating lead from coated glass, especially glass from discarded picture tubes or similar lead-containing glass-like material. To achieve an improved method that makes it possible to separate lead from coated glass with a very high level of purity and thus allow a complete recycling of said glass, it is suggested according to the invention that the discarded picture tubes are crushed and ground to achieve a finely grained powdered material, that the finely grained material formed is brought into contact with a solution of leaching medium whose task is to solubilise the lead component from the glass material, whereby the components thus separated are sorted from one another via processing by floatation.

IPC 1-7
B03B 9/06; H01J 9/00; C22B 7/00

IPC 8 full level
B03B 9/06 (2006.01); **B03D 1/22** (2006.01)

CPC (source: EP)
B03B 9/062 (2013.01); **B03D 1/22** (2013.01); **C22B 13/045** (2013.01); **B03D 1/1406** (2013.01); **Y02P 10/20** (2015.11); **Y02W 30/52** (2015.05); **Y02W 30/60** (2015.05)

Citation (search report)
See references of WO 0020121A1

Cited by
WO2019101633A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0020121 A1 20000413; AU 1304700 A 20000426; EP 1154860 A1 20011121; NO 20011764 D0 20010406; NO 20011764 L 20010529; SE 513085 C2 20000703; SE 9803388 D0 19981006; SE 9803388 L 20000407

DOCDB simple family (application)
SE 9901789 W 19991006; AU 1304700 A 19991006; EP 99956434 A 19991006; NO 20011764 A 20010406; SE 9803388 A 19981006