

Title (en)

Method and plant for environmental handling of sealed insulating glass units

Title (de)

Verfahren und Anlage zur umweltfreundlichen Behandlung von abgedichteten Isolierverglasungen

Title (fr)

Procédé et installation pour le traitement, sans danger pour l'environnement, d'unités de verre isolantes scellées

Publication

EP 1031542 A3 20010328 (EN)

Application

EP 00103852 A 20000224

Priority

NO 990904 A 19990225

Abstract (en)

[origin: EP1031542A2] A method for environmental handling of a sealed insulating glass unit comprising two or more layers of glass glued and jointed with an undesirable material, like environmental or health damaging, e.g. PCB containing, material, where the bulk of the glass is separated from the undesirable material so that the glass may be sent for reuse or recirculation and the unwanted material may be sent for disposal, recovery or destruction, wherein the bulk of the glass is separated from a strip comprising glass and the unwanted material by cutting the glass principally perpendicular to the glass surface by means of high pressure jet water flow at a distance from the edge of the glass, is described. A plant for carrying out the method and the use of high-pressure jet water flow for environmental handling of sealed insulating glass units is also described.

IPC 1-7

C03B 33/10; **C03B 33/023**; **C03B 33/03**

IPC 8 full level

B26F 3/00 (2006.01); **C03B 33/023** (2006.01); **C03B 33/03** (2006.01); **C03B 33/10** (2006.01)

CPC (source: EP)

B26F 3/004 (2013.01)

Citation (search report)

- [Y] EP 0299927 A2 19890118 - VETRERIA LORENZO S N C DI GIOR [IT]
- [Y] GB 2164879 A 19860403 - LIBBEY OWENS FORD CO

Cited by

CN109485246A; DE102022209846A1; WO2024061895A1

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)

EP 1031542 A2 20000830; **EP 1031542 A3 20010328**; **EP 1031542 B1 20051207**; AT E312060 T1 20051215; DE 60028432 D1 20060720; DE 60028432 T2 20060928; NO 314033 B1 20030120; NO 990904 D0 19990225; NO 990904 L 20000826

DOCDB simple family (application)

EP 00103852 A 20000224; AT 00103852 T 20000224; DE 60028432 T 20000224; NO 990904 A 19990225