

Title (en)
VOLUME REDUCING APPARATUS

Title (de)
GERÄT FÜR VOLUMENVERRINGERUNG

Title (fr)
APPAREIL DE RÉDUCTION DE VOLUME

Publication
EP 2547608 A2 20130123 (EN)

Application
EP 11708070 A 20110223

Priority
• GB 201016865 A 20101007
• GB 201006026 A 20100412
• GB 201004324 A 20100316
• GB 2011000244 W 20110223

Abstract (en)
[origin: GB2475447A] A shredder 10 carried below bin lid 11 disintegrates waste to reduce its volume. Preferably the apparatus includes hammers 31 pivotally attached to a hub which rotate about a motor 27 spindle 28 within chamber 12. The motor may be mounted on the top of the chamber which can be angled relative to the lid. The chamber is ideally fed by an eccentrically mounted chute 30 which protrudes through the lid. The outlet of the chamber preferably projects into a wheelie bin 43 for receiving glass chips 54 from bottles. A further claim relates to a stand 23 to hold a bin lid 11 including a waste processing means 10. The stand removes the lid from the bin when a particular weight of waste has been gathered, and thus stops a transducer supplying power to the motor.

IPC 8 full level
B65F 1/14 (2006.01); **B02C 19/00** (2006.01); **B65F 1/16** (2006.01)

CPC (source: EP GB)
B02C 19/0087 (2013.01 - EP); **B65F 1/1405** (2013.01 - GB); **B65F 1/141** (2013.01 - EP); **B65F 1/1421** (2013.01 - GB);
B65F 1/1607 (2013.01 - EP GB); **B65F 1/1623** (2013.01 - GB); **B65F 2210/12** (2013.01 - EP); **B65F 2210/184** (2013.01 - GB);
B65F 2240/1123 (2013.01 - EP); **Y02W 30/60** (2015.05 - EP)

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)
GB 201103137 D0 20110406; GB 2475447 A 20110518; GB 2475447 B 20111109; EP 2547608 A2 20130123; GB 201111685 D0 20110824;
GB 2478261 A 20110831; GB 2478261 B 20111102; WO 2011114088 A2 20110922; WO 2011114088 A3 20120112;
WO 2011114088 A4 20120223

DOCDB simple family (application)
GB 201103137 A 20110223; EP 11708070 A 20110223; GB 2011000244 W 20110223; GB 201111685 A 20110223