

Title (en)
Waste compacting unit

Title (de)
Abfallverdichtungseinheit

Title (fr)
Compacteur de déchets

Publication
EP 1707345 B1 20190619 (EN)

Application
EP 05013433 A 20050622

Priority
IT PI20050034 A 20050329

Abstract (en)
[origin: EP1707345A1] Waste compacting unit (1) comprising a compacting chamber (3) in which the waste (30) is put, such as bottles and containers of various type of glass, plastics or metal, for reducing its volume and assisting the disposal in public collecting centres. In particular, the waste is put in the chamber (3) through a first inlet (103a) or a second inlet (103b), according to the kind of material to treat, in order to provide a separate waste collection. In the compacting chamber (3) a compacting plate (2) is mounted sliding along a working direction (100) by a carriage (20). The compacting plate (2) divides the compacting chamber (3) in two parts (3a and 3b), that are accessible when the machine is off for disposing the waste of, through respective inlets (103a) and (103b). Below each part (3a, 3b) of the chamber (3) a waste collecting bin (35a and 35b) is arranged suitable for receiving the compacted waste. To compact both the waste put in the first part (3a) of the chamber (3) and in the second part (3b) of the plate (2) can act along the above-described working direction (100) both in one direction (101) and in the opposite direction (102). This is allowed by a transmission mechanism for moving the carriage (20) and then a compacting plate (2).

IPC 8 full level
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CPC (source: EP)
B30B 9/3064 (2013.01); **B30B 9/321** (2013.01); **B30B 15/08** (2013.01)

Citation (examination)
• DE 10130006 C1 20030213 - PROKENT AG [DE]
• JP H0687097 A 19940329 - TAKASAGO DENKI SANGYO KK

Cited by
WO2015110712A1; EP2724781A1; EP2724850A1; EP2724851A1; ITTV20090070A1; FR3034039A1; EP3099480A4; ITPI20080099A1; ITRM20090069A1; ITPI20080100A1; GB2601410A; ITPI20080098A1; GB2601411A; EP2253461A1; ITPS20090013A1; ITPI20090052A1; JP2015506843A; EP2070691A3; FR2966448A1; FR2966449A1; GB2455544B; US10266339B2; WO2013117674A3; WO2009056674A1; WO2010034494A1; WO2012063053A1; US8813643B2; US10052835B2; US10105922B2; US10864695B2

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