

Title (en)

HOUSEHOLD BIN WITH A DEVICE FOR COMPACTING WASTE

Title (de)

MÜLLBEHÄLTER MIT EINER VORRICHTUNG ZUM VERDICHTEN VON MÜLL

Title (fr)

POUBELLE ÉQUIPÉE D'UN DISPOSITIF DE COMPACTAGE DES DÉCHETS

Publication

**EP 1633662 A1 20060315 (FR)**

Application

**EP 04742575 A 20040426**

Priority

- FR 2004001008 W 20040426
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Abstract (en)

[origin: US2007034098A1] The invention relates to a bin for storing a volume of waste that can be reduced by compaction, said bin comprising means which reduce the pressure exerted in the volume of the bin, under the effect of a vacuum, and ensure that the waste is compacted. The inventive bin is characterised in that said means are embodied in the form of a tight deformable enclosure ( 1 ) in which the waste is collected, optionally contained in a disposable bag, and said tight deformable enclosure comprises at least one lateral wall consisting of an assembly of rigid plates or segments ( 2 ) which are articulated in relation to each other in such a way as to form a deformable apron that subjects the waste to a compression force between the lateral deformable apron wall and the opposite wall, under the effect of the vacuum being exerted in the enclosure, one of the sides of said enclosure being open for introducing waste, and provided with a tight cover ( 6 ).

IPC 1-7

**B65F 1/14**; B30B 9/30

IPC 8 full level

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CPC (source: EP US)

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**US 2007034098 A1 20070215**; **US 7322286 B2 20080129**; AT E343534 T1 20061115; CA 2527230 A1 20041216; CA 2527230 C 20110419; DE 04742575 T1 20060914; DE 602004002958 D1 20061207; DE 602004002958 T2 20070906; DK 1633662 T3 20070226; EP 1633662 A1 20060315; EP 1633662 B1 20061025; ES 2255898 T1 20060716; ES 2255898 T3 20070401; FR 2855506 A1 20041203; FR 2855506 B1 20050708; JP 2007504071 A 20070301; JP 4533894 B2 20100901; PL 1633662 T3 20070629; PT 1633662 E 20070131; WO 2004108565 A1 20041216

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