

Title (en)

Waste compression device with fee calculation function

Title (de)

Abfallpressvorrichtung mit Gebührenberechnungsfunktion

Title (fr)

Dispositif de compression de déchets avec fonction de calcul de frais

Publication

EP 2689922 B1 20150311 (EN)

Application

EP 12178366 A 20120727

Priority

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Abstract (en)

[origin: EP2689922A1] A waste compression device (1) with a fee calculation function is provided for shaking and compressing wastes and calculating the quantity of the wastes. The waste compression device includes a casing. The casing has therein: a storage cart (23); a compression unit (22) for compressing the wastes in the storage cart; a vibration unit (43) for shaking the storage cart; a quantity sensor ; a storage level sensor (25); an interface unit (27); and a control unit (21). The control unit (21) controls the compression and vibration. The interface unit determines the best time to shake and compress the wastes according to the wastes level, and instructs a ticketing unit to dispense a coupon for joining a points reward scheme or receiving a cash discount or a gift according to the wastes quantity. The waste compression device calculates the quantity of the wastes, reduces the volume of the wastes, and encourages consumers to take the initiative in recycling wastes.

IPC 8 full level

B30B 9/30 (2006.01); **B30B 9/32** (2006.01); **G07F 7/06** (2006.01)

CPC (source: EP)

B30B 9/3007 (2013.01); **B30B 9/3035** (2013.01); **B30B 9/3039** (2013.01); **B30B 9/321** (2013.01); **G07F 7/0609** (2013.01)

Citation (examination)

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Cited by

CN109018757A; CN105354920A; CN115139562A; PL442517A1; CN115302833A; US10246260B2; EP3208781A1; EP3754620A1

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