

Title (en)
DEVICE FOR MANUALLY COMPACTING WASTE

Title (de)
MANUELLE ABFALLKOMPAKTIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMPACTAGE MANUEL DE DÉCHETS

Publication
EP 3237308 A1 20171101 (FR)

Application
EP 15821175 A 20151222

Priority
• EP 14199963 A 20141223
• IB 2015059866 W 20151222

Abstract (en)
[origin: WO2016103169A1] The invention relates to a device (10) for manually compacting waste contained in a container (20), comprising: - a frame (11) comprising a support plate (12) that is intended to be positioned and/or fastened to the ground, and two lateral uprights (13a, 13b), a left-hand lateral upright (13a) and a right-hand lateral upright (13b), respectively, that are secured to said support plate (12) and extend perpendicularly thereto, said support plate (12) and said lateral uprights (13a, 13b) delimiting a central space that is able to receive a container (20) containing waste, - two manually actuable levers (14a, 14b), namely a left-hand lever (14a) fastened to the left-hand lateral upright (13a) so as to pivot about a left-hand pivot axis (Xa) and a right-hand lever (14b) fastened to the right-hand lateral upright (13b) so as to pivot about a right-hand pivot axis (Xb), said left-hand and right-hand pivot axes (Xa, Xb) being parallel and defining a plane (P1) parallel to a plane (P) defined by the support plate (12), - at least one push bar (15), at the lower end of which a compression plate (16) is fastened, said push bar (15) being connected to said left-hand lever (14a) and/or right-hand lever (14b) by way of at least one connecting means (17a, 17b) that is able to slide along said left-hand lever (14a) and/or right-hand lever (14b) and is configured to act on said push bar (15) under the action of said left-hand lever (14a) and/or right-hand lever (14b) so as to move it towards the ground or away from the ground, thus making it possible to move the compression plate (16) towards or away from the support plate (12) from an equilibrium position in which it rests on the waste to be compacted.

IPC 8 full level
B65F 1/14 (2006.01); **B30B 9/30** (2006.01)

CPC (source: EP US)
B30B 1/04 (2013.01 - EP US); **B30B 9/3053** (2013.01 - EP US); **B65F 1/1405** (2013.01 - EP US)

Citation (search report)
See references of WO 2016103169A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3037368 A1 20160629; EP 3237308 A1 20171101; EP 3237308 B1 20181121; US 10633177 B2 20200428; US 2017362027 A1 20171221; WO 2016103169 A1 20160630

DOCDB simple family (application)
EP 14199963 A 20141223; EP 15821175 A 20151222; IB 2015059866 W 20151222; US 201515539343 A 20151222