

Title (en)
COMPACTING APPARATUS AND METHOD FOR COMPRESSING WASTE MATERIAL AND USE OF THE COMPACTING APPARATUS FOR PERFORMING THE METHOD

Title (de)
VERDICHTUNGSVORRICHTUNG UND VERFAHREN ZUM VERDICHTEN VON ABFALLMATERIAL UND VERWENDUNG DER VERDICHTUNGSVORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
APPAREIL DE COMPACTAGE ET PROCÉDÉ POUR COMPRIMER DES DÉCHETS ET UTILISATION DE L'APPAREIL DE COMPACTAGE POUR METTRE EN UVRE LE PROCÉDÉ

Publication
EP 3381671 A1 20181003 (EN)

Application
EP 18160005 A 20180305

Priority
DK PA201700157 A 20170306

Abstract (en)
A compacting apparatus (1) and method for compressing waste material comprising: A filling opening (3), filling chamber (2), a compression chamber (4) and a press plunger (7). The press plunger (7) is moved from a first position to a second position by the activating of a power supply (14). The compression chamber (4) is formed as a uniformly arcuate channel (11) comprising an arcuate front wall (5), an arcuate rear wall (6) both having a sectional view formed as an arc. They are concentric with each other. The press plunger (7) follows the arcuate channel following and substantially touches the entire inner surface of the arcuate channel (11). The press plunger (7) is pivotally arranged about an axis (18) placed outside the compression chamber (4).

IPC 8 full level
B30B 9/30 (2006.01)

CPC (source: DK EP)
B30B 9/30 (2013.01 - DK); **B30B 9/305** (2013.01 - EP); **B30B 9/3057** (2013.01 - EP); **B30B 9/3082** (2013.01 - EP)

Citation (applicant)
• EP 0686493 A1 19951213 - WELGER GEB [DE]
• US 4155297 A 19790522 - KORZENIOWSKI GEORGE J [US], et al

Citation (search report)
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• [X] US 3134321 A 19640526 - ERIC LOEHNERT
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• [X] CN 103359434 A 20131023 - UNIV ZHEJIANG TECHNOLOGY
• [A] EP 0402723 A2 19901219 - WELGER GEB [DE]
• [A] DE 102010026737 A1 20120112 - HEINZ BERGMANN MASCHINE FUER DIE ABFALLWIRTSCHAFT E K [DE]
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CN112078166A

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