

Title (en)
APPARATUS AND METHOD FOR FEEDING WASTE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ZUFÜHREN VON ABFALL

Title (fr)
APPAREIL ET PROCÉDÉ D'ALIMENTATION DE DÉCHETS

Publication
EP 3428088 A1 20190116 (EN)

Application
EP 18181972 A 20180705

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FI 20175675 A 20170710

Abstract (en)
The present invention is related to a feeding arrangement (14) especially to be used in a compactor (5) arranged next to a collection container (4) for waste. Said feeding arrangement is arranged in the compacting compartment (6) and is essentially opposite the track for the waste emptied into said compartment. The feeding arrangement has a swing arm (15) that can swing back and forth around a shaft (17) that, in use, is essentially horizontal and is arranged perpendicularly to the working direction of the compactor's pendulum device (11). The swing arm has a tip (16) that is displaceable relative to said shaft, it being possible for the tip of the swing arm to adopt a rotational movement in a vertical plane so that said tip, in its movement back towards the shaft, essentially follows the waste track.

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Citation (search report)

- [A] US 2003202870 A1 20031030 - HUANG SIMON [CA]
- [A] NL 7805936 A 19791204 - BERNARD AVERMANN MASCHINENFABR
- [A] US 5015144 A 19910514 - SMITH FRED T [US], et al
- [XA] EP 0514355 A1 19921119 - FARID SPA [IT]
- [XA] EP 0659659 A1 19950628 - C E B COSTRUZIONI ECOLOGICHE B [IT]

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