

Title (en)

Waste disposal vehicle with at least one rotating piston for loading goods into a storage container

Title (de)

Entsorgungsfahrzeug mit zumindest einem Schwenkkolben zur Zuführung von Gut in einen Aufnahmebehälter

Title (fr)

Véhicule pour déchets avec au moins un piston oscillant pour le chargement d'objets dans un récipient collecteur

Publication

EP 2524880 B1 20210224 (DE)

Application

EP 12003882 A 20120516

Priority

- DE 102011102043 A 20110519
- DE 102011102068 A 20110519
- DE 102011102084 A 20110519

Abstract (en)

[origin: EP2524879A1] The waste disposal vehicle (1) has a vehicle-mounted receptacle (2) for waste materials and recyclable materials. A feed device (3) is equipped with a single-or multi-part dumping aperture (7) for receiving of goods to be disposed. A piston is pivoted around an axis (11) for forwarding goods in the direction of the receptacle. The axis is held outside the dumping aperture, where a vertically continuing downward channel-like profile (12) is held at an outer side.

IPC 8 full level

B65F 3/00 (2006.01); **B65F 3/20** (2006.01)

CPC (source: EP)

B65F 1/1484 (2013.01); **B65F 3/001** (2013.01); **B65F 3/208** (2013.01); **B65F 2003/008** (2013.01)

Citation (examination)

- US 2003202870 A1 20031030 - HUANG SIMON [CA]
- US 2005158160 A1 20050721 - JOHNSON GARY L [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2524879 A1 20121121; **EP 2524879 B1 20200422**; DE 202012013158 U1 20150223; EP 2524880 A1 20121121; EP 2524880 B1 20210224; EP 2524881 A2 20121121; EP 2524881 A3 20130213; EP 2524881 B1 20210224

DOCDB simple family (application)

EP 12003884 A 20120516; DE 202012013158 U 20120516; EP 12003882 A 20120516; EP 12003883 A 20120516