

Title (en)

A compaction device for use on refuse collection and transportation vehicles

Title (de)

Pressvorrichtung zur Verwendung auf Müllsammel- und Transportfahrzeugen

Title (fr)

Dispositif de compactage utilisable sur véhicules de collecte d'ordures ménagères et de transport

Publication

**EP 0691289 A1 19960110 (EN)**

Application

**EP 95108702 A 19950607**

Priority

IT MI941296 A 19940621

Abstract (en)

A compaction device is described for use on a refuse collection and transportation vehicle (1) having a rear loading system, which comprises: a shroud (2) having two side walls (3), a front wall (4), a rear wall (5) for coupling with the vehicle body, an arc-shaped bottom (9) (hopper), and means for conveying and compacting refuse into the vehicle body consisting of: a plate (10) provided with two pins (15) protruding from the plate upper edge which are slidably received in a pair of straight-lined guides (13) provided in the side walls of the shroud in the upper part only thereof; a pair of connecting rods (18) hinged on one side to the side wall frame, at a point near the front wall of the shroud and, on the other side, to the lower edge of said plate, for guiding said lower edge on a curvilinear path during the upward and downward movements of the plate; a shovel (11) hinged to the lower edge of the plate; a pair of plungers (17) fitted outside the shroud side walls for driving displacements of said plate on said guides; a pair of plungers (21) hinged on one side to said plate and on the other side to arms (20) secured to said shovel to drive rotations thereof around the hinging point (22). <MATH>

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CPC (source: EP)

**B65F 3/207** (2013.01)

Citation (search report)

- [X] DE 2444771 A1 19760401 - HALLER GMBH FAHRZEUGBAU
- [A] FR 2147124 A1 19730309 - PEABODY GALION CORP

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EP1314658A1; EP1028072A1; EP1006063A1; CN111747309A; DE19905986C1; US6478527B2

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