

Title (en)  
RUBBISH COLLECTION VEHICLE

Title (de)  
MÜLLSAMMELFAHRZEUG

Title (fr)  
VEHICULE DE COLLECTE DES DECHETS

Publication  
**EP 0706488 B1 19991110 (DE)**

Application  
**EP 95919444 A 19950511**

Priority  
• DE 9407869 U 19940513  
• EP 9501791 W 19950511

Abstract (en)  
[origin: US5741107A] PCT No. PCT/EP95/01791 Sec. 371 Date Jun. 5, 1996 Sec. 102(e) Date Jun. 5, 1996 PCT Filed May 11, 1995 PCT Pub. No. WO95/31388 PCT Pub. Date Nov. 23, 1995A vehicle for receiving and transporting refuse materials including a collection container including: a front end wall defining a filling opening being bounded by a rigid frame; and a door being movable for opening and closing the filling opening. The vehicle further includes an operating device for moving the door, and a hopper defining an output opening in communication with the filling opening and bounded by a counterframe disposed adjacent the frame for defining a communication region between the hopper and the collecting container. The hopper has a tubular extension extending into the filling opening up to the plane of movement of the door; and a press disposed in the hopper. The press includes a stamp movable into and out of an interior of the collection container through the filling opening, the stamp having an inclined front surface whose upper edge is set back with respect to a lower edge thereof in a direction toward the interior of the collection container. The press further includes a drive operatively connected to the stamp for moving the stamp, the operating device and the drive being configured such that, during a closing of the door, a lower edge of the door remains in contact with the front surface of the stamp during the retracting motion of the stamp until the door is completely closed. The vehicle further includes a seal disposed on an end face of at least one of the frame and the counterframe for sealing the communication region.

IPC 1-7  
**B65F 3/20**

IPC 8 full level  
**B65F 3/20** (2006.01); **B65F 3/00** (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP US)  
**B65F 3/143** (2013.01 - EP US); **B65F 3/201** (2013.01 - EP US); **B65F 2003/008** (2013.01 - EP US); **B65F 2003/0279** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)  
**US 5741107 A 19980421**; AT E186515 T1 19991115; DE 59507218 D1 19991216; DE 9407869 U1 19950914; DK 0706488 T3 20000522; EP 0706488 A1 19960417; EP 0706488 B1 19991110; ES 2141938 T3 20000401; GR 3032532 T3 20000531; PT 706488 E 20000428; WO 9531388 A1 19951123

DOCDB simple family (application)  
**US 58312296 A 19960605**; AT 95919444 T 19950511; DE 59507218 T 19950511; DE 9407869 U 19940513; DK 95919444 T 19950511; EP 9501791 W 19950511; EP 95919444 A 19950511; ES 95919444 T 19950511; GR 20000400228 T 20000202; PT 95919444 T 19950511