

Title (en)

Vehicle with a lifting device for emptying refuse bins

Title (de)

Fahrzeug mit einer Aufnahmeeinrichtung zum Entleeren von aufzunehmenden Abfallbehältern

Title (fr)

Véhicule avec un mécanisme de préhension pour le vidage de bacs à ordures

Publication

**EP 0725021 B1 19980805 (DE)**

Application

**EP 96104252 A 19930208**

Priority

- DE 4204062 A 19920212
- DE 9209433 U 19920714
- EP 93917395 A 19930208

Abstract (en)

[origin: WO9315981A2] Known vehicles for the disposal of waste materials have a collecting container arranged on the vehicle behind the driver's cab and provided at its end on the driver's cab side with a filling opening, as well as a pair of swivelling arms provided with a carrying and tilting device that picks up at least one waste container positioned in front of the front side of the vehicle, moves the picked-up waste container over the driver's cab and empties it in the area of the filling opening of the collecting container behind the driver's cab. The known vehicles require however a great working height, which precisely is often not available in communal waste disposal. To improve such vehicles, a carrier (39) is arranged on the vehicle and the pair (25) of swivelling arms is secured to the carrier (39) with its pivot (26) in the upper front area of the driver's cab (1).

IPC 1-7

**B65F 3/02**; **B65F 3/20**; **B65F 3/04**

IPC 8 full level

**B65F 3/02** (2006.01); **B65F 3/04** (2006.01); **B65F 3/20** (2006.01); **B65F 3/00** (2006.01)

CPC (source: EP US)

**B65F 3/043** (2013.01 - EP US); **B65F 3/046** (2013.01 - EP US); **B65F 3/201** (2013.01 - EP US); **B65F 2003/008** (2013.01 - EP US); **B65F 2003/0273** (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 LU MC NL PT SE

DOCDB simple family (publication)

**WO 9315981 A2 19930819**; **WO 9315981 A3 19931223**; AT E166850 T1 19980615; AT E169282 T1 19980815; CA 2108271 A1 19930813; CZ 214993 A3 19940413; DE 59308631 D1 19980709; DE 59308850 D1 19980910; DK 0579828 T3 19990322; DK 0725021 T3 19990510; EP 0579828 A1 19940126; EP 0579828 B1 19980603; EP 0720957 A1 19960710; EP 0725021 A1 19960807; EP 0725021 B1 19980805; ES 2119904 T3 19981016; ES 2122732 T3 19981216; GR 3027721 T3 19981130; RU 2119883 C1 19981010; SK 110993 A3 19940511; SK 280634 B6 20000516; US 5474413 A 19951212

DOCDB simple family (application)

**EP 9300293 W 19930208**; AT 93917395 T 19930208; AT 96104252 T 19930208; CA 2108271 A 19930208; CZ 214993 A 19930208; DE 59308631 T 19930208; DE 59308850 T 19930208; DK 93917395 T 19930208; DK 96104252 T 19930208; EP 93917395 A 19930208; EP 96104252 A 19930208; EP 96104288 A 19930208; ES 93917395 T 19930208; ES 96104252 T 19930208; GR 980401899 T 19980826; RU 93058359 A 19930208; SK 110993 A 19930208; US 13304594 A 19940127