

Title (en)
REFUSE COLLECTION VEHICLE

Publication
EP 0364835 B1 19920122 (DE)

Application
EP 89118594 A 19891006

Priority
DE 3835748 A 19881020

Abstract (en)
[origin: US4986716A] A refuse collection vehicle (10) supports an interchangeable refuse collection container (14), the rear wall (38) of which is pivotable between an unloading position and a closed position by means of a swivel device (41). On the chassis (12), a support plate (16) is pivotable about a horizontal transverse shaft (18) between a horizontal interchange position for the refuse collection container (14) and a vertical loading or pressing position, the pressing device (26) and the lifting and tipping device (22) being integral with the support plate (16). The support plate (16) is also provided with a locking device (114), which, dependent upon the swivelling of the pressing device (26) from its rest position into the pressing position, can be locked with two locking shafts (90, 91) on the rear wall (38) of the refuse collection container (14). In the interchange position, the upper side, formed by the pressing device (26), of the support plate (16) lies lower than the support surface (120) of the chassis (12), so that the chassis can be driven away from under the refuse collection container (14) in the direction of travel (y), after the refuse collection container (14) has been set down on the ground on its own support feet. The vehicle has a small construction length and low weight, so that rapid interchange of refuse collection container is possible.

IPC 1-7
B65F 3/00

IPC 8 full level
B65F 3/00 (2006.01); **B65F 3/08** (2006.01); **B65F 3/14** (2006.01)

CPC (source: EP US)
B65F 3/08 (2013.01 - EP US); **B65F 3/143** (2013.01 - EP US); **B65F 2003/008** (2013.01 - EP US)

Cited by
DE19752001A1; EP0612674A1; GB2275906B; NL9301012A; EP0500004A1; WO9429198A1; WO9119657A1

Designated contracting state (EPC)
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