

Title (en)  
WASTE COLLECTING SYSTEM

Title (de)  
ABFALLERFASSUNGSSYSTEM

Title (fr)  
SYSTEME DE COLLECTE DE DECHETS

Publication  
**EP 0754155 B1 19971015 (DE)**

Application  
**EP 95915196 A 19950411**

Priority  
• DE 4413103 A 19940415  
• EP 9501320 W 19950411

Abstract (en)  
[origin: US5735663A] A waste collection system comprises a waste receptacle (1) and a collection vehicle (2) suitable for the mechanical emptying thereof. The waste receptacle (1) is suspended from a supporting frame (3) by way of a swivel bearing (22) so as to swivel around a horizontal axis (5), and the collection vehicle (2) includes a catch basin (13) into which the waste receptacle is emptied when it is swiveled out of its upright position, when the collection vehicle drives past said receptacle and guides the catch basin under the waste receptacle. The swivel bearing (22) is allowed to freely swing the waste receptacle through its upright position, and the collection vehicle features a tipping mechanism for the waste receptacle (1), which includes a grip element (10) that takes hold of a projection or the rim (11) of the inclined waste receptacle (1) and turns it upside down.

IPC 1-7  
**B65F 3/02**; **B65F 1/14**

IPC 8 full level  
**B65F 1/14** (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP US)  
**B65F 1/141** (2013.01 - EP US); **B65F 3/0206** (2013.01 - EP US)

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