

Title (en)  
Lifting and tipping device for refuse collecting vehicles

Title (de)  
Hub-Kipp-Vorrichtung für Müllsammelfahrzeuge

Title (fr)  
Dispositif de levage-culbutage pour véhicules de ramassage d'ordures

Publication  
**EP 1270451 B1 20060816 (DE)**

Application  
**EP 02013271 A 20020618**

Priority  
DE 10130556 A 20010625

Abstract (en)  
[origin: EP1270451A1] The mechanism for lifting and emptying bins into a refuse lorry has some or all of its components (2, 4, 6, 10, 16, 20, 22, 24, 26, 28) made in one piece from a material which is lighter than iron. This may be aluminum, an aluminum alloy, plastic, plastic composite, carbon fiber, carbon fiber composite or fiber, especially carbon fiber, reinforced plastic.

IPC 8 full level  
**B65F 3/04** (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP)  
**B65F 3/04** (2013.01); **B65F 2003/0293** (2013.01)

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DOCDB simple family (publication)  
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