

Title (en)
Device for pickung up and emptying refuse receptacles

Title (de)
Vorrichtung zum Aufnehmen und Entleeren von Müllbehältern

Title (fr)
Dispositif pour ramasser et vider des récipients à ordures

Publication
EP 1148001 B1 20051207 (DE)

Application
EP 01101327 A 20010122

Priority
DE 20005955 U 20000403

Abstract (en)
[origin: EP1148001A2] Rubbish bins can be accommodated and emptied into a waste disposal vehicle by being emptied over the vehicle side. They are picked up by an adjustable accommodation device arranged on a pinion linked to a further pinion rotatably held on a vehicle basic frame via a bearing. The pinions are pivotable by positioning cylinders between them and between them and the basic frame. At least one engagement point (17) of the positioning cylinder (14) on the one pinion (4) is formed at a distance from the pivot axis (5) of the other pinion (2) via an intermediate lever (16). The engagement point of the positioning cylinder is coupled via a coupling rod (18) with the other pinion so that a four link arrangement is formed.

IPC 1-7
B65F 3/04

IPC 8 full level
B65F 3/04 (2006.01)

CPC (source: EP)
B65F 3/046 (2013.01)

Cited by
EP1808385A1; NL1030897C2

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

DOCDB simple family (publication)
EP 1148001 A2 20011024; EP 1148001 A3 20020724; EP 1148001 B1 20051207; AT E312031 T1 20051215; DE 20005955 U1 20000824; DE 50108273 D1 20060112; ES 2253287 T3 20060601

DOCDB simple family (application)
EP 01101327 A 20010122; AT 01101327 T 20010122; DE 20005955 U 20000403; DE 50108273 T 20010122; ES 01101327 T 20010122