

CPC**COOPERATIVE PATENT CLASSIFICATION****B65F****GATHERING OR REMOVAL OF DOMESTIC OR LIKE REFUSE**

(disinfecting refuse A61L; refuse disintegrators B02C; sorting refuse B03B; B07B; handcarts for transporting refuse receptacles B62B; sack holders [B65B 67/00](#); converting refuse into fertilisers C05F; converting refuse into solid fuels C10L; sewers, cesspools E03F; arrangements in buildings for the disposal of refuse [E04F 17/10](#); refuse-consuming furnaces F23G; { for surgical articles [A61B 19/0287](#)})

B65F 1/00

Refuse receptacles; {Accessories therefor}(containers not specially adapted for refuse, features of refuse receptacles of general interest [B65D](#))

- B65F 1/0006 . {Flexible refuse receptables, e.g. bags, sacks}
- B65F 1/0013 .. { with means for fixing and mounting of the receptacle to walls, doors}
- B65F 1/002 .. { with means for opening or closing of the receptacle}
- B65F 1/0026 .. { with odor controlling substances}
- B65F 1/0033 . {specially adapted for segregated refuse collecting, e.g. receptacles with several compartments; Combination of receptacles ([B65F 1/0093](#) takes precedence)}
- B65F 1/004 .. {the receptacles being divided in compartments by partitions}
- B65F 1/0046 ... {the partitions being movable, e.g. for varying the volume of the compartments}
- B65F 1/0053 .. {Combination of several receptacles}
- B65F 1/006 ... {Rigid receptacles stored in an enclosure or forming part of it}
- B65F 1/0066 ... {Rigid receptacles fixed on racks or posts}
- B65F 1/0073 ... {Flexible receptacles fixed on a frame or in an enclosure ([sack holders per se](#) [B65B 7/12](#))}
- B65F 1/0093 . {specially adapted for collecting refuse from arrangements in buildings}
- B65F 1/02 . without removable inserts
- B65F 1/04 . with removable inserts
- B65F 1/06 .. with flexible inserts, e.g. bags or sacks {([B65F 1/0073](#) takes precedence)}
- B65F 1/062 ... {having means for storing or dispensing spare bags}
- B65F 1/065 ... { with means aiding the insertion of the flexible insert}
- B65F 1/067 ... {with a plurality of flexible inserts}
- B65F 1/068 ... { with means aiding the removal of the flexible insert}
- B65F 1/08 .. with rigid inserts
- B65F 1/085 ... {with a plurality of rigid inserts}
- B65F 1/10 . with refuse filling means, e.g. air-locks
- B65F 1/105 .. {the filling means being pneumatic, e.g. using suction}

- B65F 1/12 . with devices facilitating emptying
- B65F 1/122 .. {Features allowing the receptacle to be lifted and subsequently tipped by associated means on a vehicle}
- B65F 1/125 .. {Features allowing the receptacle to be lifted and emptied by its bottom}
- B65F 1/127 .. {by suction}
- B65F 1/14 . Other constructional features; {Accessories}{holders or carriers for hand articles [A45F 5/00](#); fastening devices [E05C](#)}
- B65F 1/1405 .. {Compressing means incorporated in, or specially adapted for, refuse receptacles (presses in general [B30B](#))}
- B65F 1/141 .. {Supports, racks, stands, posts or the like for holding refuse receptacles ([B65F 1/0066](#) takes precedence)}
- B65F 1/1415 ... {for flexible receptables, e.g. bags, sacks}
- B65F 1/1421 ... {having means for operating lids or covers (pedal or hand-lever operated [B65D](#))}
- B65F 1/1426 .. {Housings, cabinets or enclosures for refuse receptacles ([B65F 1/006](#), [B65F 1/1452](#) take precedence)}
- B65F 1/1431 ... {having a waste disposal chute integrally connected to a work top or the like, the refuse receptacle remaining static}
- B65F 1/1436 ... {having a waste receptacle withdrawn upon opening of the enclosure}
- B65F 1/1442 {the receptacle being rotated about a vertical axis}
- B65F 1/1447 ... {located underground}
- B65F 1/1452 .. {Lifting, hoisting, elevating mechanisms or the like for refuse receptacles (lifting in general [B66](#))}
- B65F 1/1457 ... {for refuse receptacles located underground}
- B65F 1/1463 .. {Receptacles adapted to store one or more piles of used stackable containers, e.g. beverage cups}
- B65F 1/1468 .. {Means for facilitating the transport of the receptacle, e.g. wheels, rolls (hand-operated refuse vehicles [B65F 3/005](#))}
- B65F 1/1473 ... { Receptacles having wheels}
- B65F 1/1478 .. {relating to noise reduction in receptacles during collecting of refuse, e.g. of glass}
- B65F 1/1484 .. {relating to the adaptation of receptacles to carry identification means}
- B65F 1/16 .. Lids or covers ({[B65F 1/1421](#) takes precedence}; pedal or hand-lever operated {for containers in general}[B65D](#))
- B65F 1/1607 ... {with filling openings}
- B65F 1/1615 ... {with means for locking, fastening or permanently closing thereof}
- B65F 1/1623 ... {with means for assisting the opening or closing thereof, e.g. springs (spring-actuated swinging wings [E05F 1/10](#))}
- B65F 1/163 {Pedal-operated lids}
- B65F 1/1638 {Electromechanically operated lids}
- B65F 1/1646 ... {provided with means for mounting on receptacles, e.g. hinges}

B65F 3/00 **Vehicles particularly adapted for collecting refuse** (vehicles in general [B60](#); driving vehicle equipment or auxiliaries [B60K](#); discharging contents by tilting entire vehicles [B65G](#); wheeled apparatus for emptying sewers or cesspools [E03F 7/10](#))

- B65F 3/001 . {for segregated refuse collecting, e.g. vehicles with several compartments}
- B65F 3/005 . {Hand-operated refuse vehicles}
- B65F 3/02 . with means for discharging refuse receptacles thereinto ([conveyer construction B65G](#); [Loaders separate from vehicles B66F](#); fluid power control systems in general [F15B](#))
- B65F 3/0203 . . {with crane-like mechanisms}
- B65F 3/0206 . . {while the receptacles remain in place or are still attached to their supporting means}
- B65F 3/0209 . . . {using suction}
- B65F 3/0213 . . {Means for facilitating the separation of discharging means from collecting vehicles}
- B65F 3/04 . . Linkages, pivoted arms, or pivoted carriers for raising and subsequently tipping receptacles
- B65F 3/041 . . . {Pivoted arms or pivoted carriers}
- B65F 3/043 {with additional means for keeping the receptacle substantially vertical during raising}
- B65F 3/045 {Four-bar linkages}
- B65F 3/046 {with additional means for assisting the tipping of the receptacle after or during raising}
- B65F 3/048 . . . {Linkages ([B65F 3/041](#) takes precedence)}
- B65F 3/06 . . . Arrangement and disposition of fluid actuators
- B65F 3/08 . . Platform elevators or hoists with guides or runways for raising or tipping receptacles ({[pivotal guides or runways B65F 3/041](#)})
- B65F 3/10 . . . Arrangement and disposition of fluid actuators
- B65F 3/12 . . Conjoint motion of lids, flaps, and shutters on vehicle and on receptacle; Operation of closures on vehicle conjointly with tipping of receptacle
- B65F 3/14 . with devices for charging, distributing or compressing refuse in the interior of the tank of a refuse vehicle ([B65F 3/02](#) takes precedence)
- B65F 3/143 . . {Means facilitating the separation of the charging, distributing or compressing devices from the tank of refuse vehicles}
- B65F 3/16 . . with conveyer wheels ([with screw conveyers B65F 3/22](#))
- B65F 3/18 . . with endless conveyers, e.g. elevators
- B65F 3/20 . . with charging pistons, plates, or the like ([for discharging B65F 3/28](#))
- B65F 3/201 . . . {the charging pistons, plates or the like moving rectilinearly}
- B65F 3/202 . . . {with radially shiftable charging plates or the like mounted on a rotary drum}
- B65F 3/203 . . . {with charging teeth, cutters or the like mounted on an axle or a drum [B65F 3/202](#), [B65F 3/205](#), [B65F 3/206](#) take precedence}
- B65F 3/205 . . . {with two or more movable and co-operating plates or the like for charging refuse from the loading hopper to the interior of a refuse vehicle}
- B65F 3/206 . . . {with charging plates or the like rotating around a vertical axis}
- B65F 3/207 . . . {guided by tracks, channels, slots or the like provided on the vehicle}
- B65F 3/208 . . . {the charging pistons, plates or the like oscillating about a horizontal axis}
- B65F 3/22 . . with screw conveyers, rotary tanks
- B65F 3/225 . . . {Tanks rotating about a transversal axis for compressing the garbage by gravity}

- B65F 3/24 . with devices for unloading the tank of a refuse vehicle
- B65F 3/26 . . by tipping the tank
- B65F 3/28 . . by a lengthwise movement of a wall, e.g. a plate, a piston, or the like (for charging [B65F 3/20](#))

- B65F 5/00** **Gathering or removal of refuse otherwise than by receptacles or vehicles** (storage silos, charging and discharging thereof [B65G](#))

- B65F 5/005 . {by pneumatic means, e.g. by suction (conveying materials in bulk pneumatically in general [B65G 53/04](#))}

- B65F 7/00** **Cleaning or disinfecting devices combined with refuse receptacles or refuse vehicles** (such devices per se [A61L](#), [B08B](#))

- B65F 7/005 . {Devices, mounted on refuse collecting vehicles, for cleaning or disinfecting refuse receptacles}

- B65F 9/00** **Transferring of refuse between vehicles or containers with intermediate storage or pressing** (presses for baling per se [B30B 9/30](#))

- B65F 2001/00** **Refuse receptacles; {Accessories therefor}(containers not specially adapted for refuse, features of refuse receptacles of general interest [B65D](#))**

- B65F 2001/0033 . {specially adapted for segregated refuse collecting, e.g. receptacles with several compartments; Combination of receptacles ([B65F 1/0093](#) takes precedence)}
- B65F 2001/008 . . Means for automatically selecting the receptacle in which refuse should be placed
- B65F 2001/0086 . . Means for holding receptacles together

- B65F 2001/04 . with removable inserts
- B65F 2001/061 . . the flexible inserts being used shopping bags
- B65F 2001/064 . . having a plurality of flexible inserts, e.g. on a roll

- B65F 2001/14 . Other constructional features; {Accessories}(holders or carriers for hand articles [A45F 5/00](#); fastening devices [E05C](#))
- B65F 2001/1489 . . Refuse receptacles adapted or modified for gathering compostable domestic refuse
- B65F 2001/1494 . . Refuse receptacles comprising means for preventing or extinguishing fire
- B65F 2001/1653 . . Constructional features of lids or covers
- B65F 2001/1661 . . . relating to noise reduction, e.g. during opening or closing
- B65F 2001/1669 . . . relating to means for fixing or latching the lid or cover in a certain angle
- B65F 2001/1676 . . . relating to means for sealing the lid or cover, e.g. against escaping odors
- B65F 2001/1684 Water slot seals
- B65F 2001/1692 . . . relating to safety means, e.g. for children trapped inside the refuse receptacle

B65F 2003/00	Vehicles particularly adapted for collecting refuse (vehicles in general B60 ; driving vehicle equipment or auxiliaries B60K ; discharging contents by tilting entire vehicles B65G ; wheeled apparatus for emptying sewers or cesspools E03F 7/10)
B65F 2003/001	. {for segregated refuse collecting, e.g. vehicles with several compartments}
B65F 2003/003	.. Footboards
B65F 2003/006	. Constructional features relating to the tank of the refuse vehicle
B65F 2003/008	.. interchangeable
B65F 2003/02	. with means for discharging refuse receptacles thereinto (conveyer construction B65G ; Loaders separate from vehicles B66F ; fluid power control systems in general F15B)
B65F 2003/0216	.. the discharging means comprising a device for determining the volume of the content of refuse receptacles
B65F 2003/022	.. the discharging means comprising a device for determining the weight of the content of refuse receptacles
B65F 2003/0223	.. the discharging means comprising elements for holding the receptacle
B65F 2003/0226	... having means for adapting to different sized receptacles
B65F 2003/023	... Gripper arms for embracing the receptacle
B65F 2003/0233 for embracing two or more receptacles
B65F 2003/0236	... Suction or vacuum heads
B65F 2003/024	... Means for locking the rim
B65F 2003/0243	... Means for locking the side, e.g. via spigots or trunnion pins
B65F 2003/0246	... Means for locking the front, e.g. via a handle
B65F 2003/025	.. Constructional features relating to actuating means for lifting or tipping containers
B65F 2003/0253	... Means for synchronising or coupling two or more discharging devices, e.g. for allowing the discharge of one large container or the simultaneous discharge of two or more containers
B65F 2003/0256	... Means for vibrating or shaking the containers for facilitating emptying
B65F 2003/0259	... Means for automatically varying the speed of operation
B65F 2003/0263	.. Constructional features relating to discharging means
B65F 2003/0266	... comprising at least one telescopic arm
B65F 2003/0269	... capable of moving along the side of the vehicle
B65F 2003/0273	... capable of rotating around a vertical axis
B65F 2003/0276	... capable of moving towards or away from the vehicle
B65F 2003/0279	... the discharging means mounted at the front of the vehicle
B65F 2003/0283 between the cab and the collection compartment
B65F 2003/0286	.. Means mounted on the vehicle for opening the lid or cover of the receptacle
B65F 2003/0289	... the opening means being mounted on the discharging means
B65F 2003/0293	.. Means mounted on the vehicle for supporting the refuse receptacle in the tipping position
B65F 2003/0296	... the supporting means mounted on the discharging means
B65F 2003/14	. with devices for charging, distributing or compressing refuse in the interior of the tank of a refuse vehicle (B65F 3/02 takes precedence)

B65F 2003/146 .. Sensors, e.g. pressure sensors

B65F 2210/00 Indexing codes relating to refuse receptacles

B65F 2210/10 . relating to equipment of the receptacle

B65F 2210/102 .. Absorbing means

B65F 2210/1023 ... for liquids

B65F 2210/1026 ... for smelling substances

B65F 2210/104 .. Ashtrays

B65F 2210/108 .. Authorization means

B65F 2210/1085 ... Coins or tokens

B65F 2210/112 .. Coding means to aid in recycling

B65F 2210/1121 ... Apertures

B65F 2210/1123 ... Bar-codes

B65F 2210/1125 ... Colors

B65F 2210/1126 ... Symbols

B65F 2210/1128 ... Text

B65F 2210/116 .. Cooling means

B65F 2210/12 .. Crushing means

B65F 2210/124 .. Counting means

B65F 2210/126 .. Cutting means

B65F 2210/128 .. Data transmitting means

B65F 2210/129 .. Deodorizing means

B65F 2210/13 .. Double walls

B65F 2210/132 .. Draining means

B65F 2210/135 .. Flower boxes

B65F 2210/136 .. Dustpan

B65F 2210/137 .. Fans

B65F 2210/138 .. Identification means

B65F 2210/139 .. Illuminating means

B65F 2210/14 .. Incinerating means

B65F 2210/144 .. Level detecting means

B65F 2210/1443 ... Electrical

B65F 2210/1446 ... Mechanical

B65F 2210/148 .. Locking means

B65F 2210/15 .. Marking means

B65F 2210/152 .. Material detecting means

B65F 2210/1522 ... for glass

B65F 2210/1525 ... for metal

B65F 2210/1527 ... for plastics

B65F 2210/156	..	Mousetraps
B65F 2210/16	..	Music playing devices
B65F 2210/162	..	Pressing means
B65F 2210/164	..	Printers
B65F 2210/165	..	Remote controls
B65F 2210/167	..	Sealing means
B65F 2210/1675	...	by twisting, e.g. of a flexible tube
B65F 2210/168	..	Sensing means
B65F 2210/169	..	Shredding means
B65F 2210/17	..	Smoke detecting means
B65F 2210/172	..	Solar cells
B65F 2210/176	..	Sorting means
B65F 2210/178	..	Steps
B65F 2210/179	..	Suction means, e.g. for forcing a bag inside the receptacle
B65F 2210/1795	...	for sucking off dust particles during insertion of refuse in the receptacle
B65F 2210/18	..	Suspending means
B65F 2210/181	..	Ventilating means, e.g. holes
B65F 2210/1815	...	for assisting the removal of a liner
B65F 2210/182	..	Volume determining means
B65F 2210/183	..	Volume reducing means, e.g. inserts
B65F 2210/184	..	Weighing means
B65F 2210/188	..	Vacuum drawing means
B65F 2210/196	..	Tape dispensers
B65F 2210/20	..	Temperature sensing means
B65F 2220/10	.	relating to properties of the receptacles
B65F 2220/101	..	assembled from a plurality of panels
B65F 2220/102	..	assembled from a blank
B65F 2220/104	..	Bomb resistant
B65F 2220/106	..	Collapsible
B65F 2220/1063	...	foldable
B65F 2220/1066	...	telescopic
B65F 2220/108	..	connectable
B65F 2220/112	..	floatable
B65F 2220/116	..	inflatable
B65F 2220/12	..	nestable
B65F 2220/122	..	Poster resistant surface
B65F 2220/124	..	stackable
B65F 2220/128	..	transparent
B65F 2230/10	.	relating to the shape of the receptacle
B65F 2230/104	..	Amphora

B65F 2230/108	..	Animal
B65F 2230/112	..	Bottle
B65F 2230/116	..	Can
B65F 2230/12	..	Fence
B65F 2230/124	..	Golf ball
B65F 2230/126	..	Hexagonal
B65F 2230/127	..	House
B65F 2230/128	..	Human
B65F 2230/132	..	Mushroom
B65F 2230/134	..	Oval
B65F 2230/135	..	Potted plant
B65F 2230/136	..	Pyramide
B65F 2230/14	..	Robot
B65F 2230/144	..	Seat
B65F 2230/148	..	Sleeve
B65F 2230/15	..	Sleeve having a disconnectable bottom
B65F 2230/152	..	Triangular
B65F 2230/156	..	Wave-like
B65F 2240/10	.	relating to the type of the refuse collected
B65F 2240/104	..	Ashes
B65F 2240/108	..	Batteries
B65F 2240/112	..	Bottles
B65F 2240/1123	...	Glass
B65F 2240/1126	...	Plastics
B65F 2240/116	..	Broken cutters
B65F 2240/118	..	Building waste
B65F 2240/12	..	Cans
B65F 2240/121	..	Carrions
B65F 2240/122	..	CD's, DVD's
B65F 2240/124	..	Christmas trees
B65F 2240/128	..	Clothing
B65F 2240/132	..	Diapers
B65F 2240/136	..	Dog dirt
B65F 2240/137	..	Drilling dust
B65F 2240/138	..	Garden debris
B65F 2240/14	..	Gum
B65F 2240/142	..	Grease
B65F 2240/143	..	Ink cartridges
B65F 2240/144	..	Leather
B65F 2240/145	..	Medicine
B65F 2240/146	..	Nails

B65F 2240/148	..	Neon tubes
B65F 2240/152	..	Oil
B65F 2240/156	..	Paper
B65F 2240/1562	...	confidential
B65F 2240/1564	...	Carton
B65F 2240/1566	...	handkerchiefs
B65F 2240/1568	...	Towels
B65F 2240/16	..	Pizza boxes
B65F 2240/162	..	Pressurized containers
B65F 2240/164	..	Sanitary towels
B65F 2240/166	..	Staples
B65F 2240/168	..	Telephone cards
B65F 2240/172	..	Vomit
B65F 2250/10	.	relating to the material of the receptacle
B65F 2250/105	..	Biodegradable
B65F 2250/106	..	Carton
B65F 2250/107	..	Glass
B65F 2250/108	..	Paper
B65F 2250/11	..	Metal
B65F 2250/111	...	Aluminum
B65F 2250/112	...	Steel
B65F 2250/114	..	Plastics
B65F 2250/1143	...	Polyethylene
B65F 2250/1146	...	Polypropylene
B65F 2250/116	..	Recycled material
B65F 2250/12	..	Rubber
B65F 2250/128	..	Wood