

Title (en)
A multi-compartment refuse storage container

Title (de)
Lagerbehälter für Müll mit mehreren Kammern

Title (fr)
Récipient de stockage de déchets multi-compartiments

Publication
EP 2386504 A1 20111116 (EN)

Application
EP 11166128 A 20110513

Priority
GB 201008006 A 20100513

Abstract (en)
The present invention is directed towards a multi-compartment recyclable refuse storage container (1) for mounting on a wheeled chassis (2) whereby the storage container (1) comprises a plurality of lower side-by-side in-line recyclable refuse receiving compartments (5,6,7,8) mounted on the wheeled chassis (2); an enclosed upper recyclable material compartment (11) extending across one or more of the lower side-by-side in-line recyclable refuse receiving compartments (5,6,7,8); and, a lower recyclable material receiving compartment (5) communicating with the enclosed upper recyclable material compartment (11) through an opening (39) in the floor (30) of the enclosed upper recyclable material compartment (11); wherein the storage container (1) further comprises a lifting and compacting device (40) to lift recyclable material from the lower recyclable material receiving compartment (5) into the enclosed upper recyclable material compartment (11) through the opening (39) and to compact the recyclable material against the roof (31) of the upper recyclable material compartment (11).

IPC 8 full level
B65F 3/00 (2006.01); **B65F 3/20** (2006.01); **B65F 3/24** (2006.01); **B65F 3/28** (2006.01)

CPC (source: EP)
B65F 3/001 (2013.01); **B65F 3/201** (2013.01); **B65F 3/205** (2013.01); **B65F 3/24** (2013.01); **B65F 3/28** (2013.01)

Citation (applicant)
• BE 1003808 A5 19920616 - CLERCK WILLY DE
• WO 2006048667 A1 20060511 - NAMENEDEED LTD [GB], et al
• US 6027300 A 20000222 - RICHARDS IDWALL CHARLES [AU]

Citation (search report)
• [AD] US 6027300 A 20000222 - RICHARDS IDWALL CHARLES [AU]
• [A] CA 2204318 A1 19981102 - DURON PHILIPPE [CA], et al
• [A] US 5829842 A 19981103 - LOMBARDO SANTO J [US]

Cited by
EP3216725A1; US11034115B2; US11607857B2; EP2803602A1; US10384593B2; US11014483B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2386504 A1 20111116; EP 2386504 B1 20160420; ES 2583759 T3 20160922; GB 201008006 D0 20100630

DOCDB simple family (application)
EP 11166128 A 20110513; ES 11166128 T 20110513; GB 201008006 A 20100513