

Title (en)

DEVICE FOR HANDLING AND EMPTYING CONTAINERS FOR THE COLLECTION OF WASTE

Title (de)

VORRICHTUNG ZUR HANDLING UND ENTLERUNG VON BEHÄLTERN FÜR DIE ABFALLSAMMLUNG

Title (fr)

DISPOSITIF DE MANUTENTION ET DE VIDAGE DES CONTENEURS POUR LA COLLECTE DES DÉCHETS

Publication

EP 4015414 B1 20240410 (EN)

Application

EP 21215866 A 20211220

Priority

IT 202000031673 A 20201221

Abstract (en)

[origin: EP4015414A1] Described is a device (1) for moving and emptying bins for collecting waste which comprises a load-bearing frame (2) designed to be associated with a vehicle (101) for collecting waste which supports a column element (3) rotatable about its own axis of symmetry (30) using rotation means (12). The column element (3) supports a framework (4) which can be oriented, relative to the axis of symmetry (30), about a hinge (13). The hinge (13) in turn defines a direction of rotation (10) substantially parallel to the ground (T). There are also lifting and gripping means (8, 9, 18, 19) for a bin (C) for the waste to be emptied connected to the framework (4) and transfer means (2A, 22) for the column element (3) and for the hinge (13) relative to the position of the bin (C).

IPC 8 full level

B65F 3/04 (2006.01); **B65F 3/02** (2006.01); **B65F 3/08** (2006.01); **B65G 33/06** (2006.01); **B65G 47/84** (2006.01)

CPC (source: EP)

B65F 3/046 (2013.01); **B65F 3/08** (2013.01); **B65F 2003/0266** (2013.01); **B65F 2003/0273** (2013.01); **B65F 2003/0276** (2013.01)

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

DOCDB simple family (publication)

EP 4015414 A1 20220622; **EP 4015414 B1 20240410**; **EP 4015414 C0 20240410**

DOCDB simple family (application)

EP 21215866 A 20211220