

Title (en)

LIFTING SYSTEM FOR A REFUSE COLLECTION VEHICLE

Title (de)

HUBSYSTEM FÜR EIN MÜLLSAMMELFAHRZEUG

Title (fr)

SYSTÈME DE LEVAGE POUR UN VÉHICULE DE COLLECTE DE DÉCHETS

Publication

**EP 4046939 A1 20220824 (EN)**

Application

**EP 22158114 A 20220223**

Priority

NL 2027622 A 20210223

Abstract (en)

The invention relates to a lifting system (100) for a refuse collection vehicle, having a first and second lift device. The first lift device (10) comprises: a first lift member (12), a first lift base (11), a first lift mechanism (13) for raising and lowering the first lift member with respect to the first lift base, and a first gripper (14) configured to carry a main refuse bin (200). The second lift device (20) comprises: a second lift base (21), a second gripper (24) configured to carry an insert refuse bin (250), and a second lift mechanism (23) configured for raising and lowering the second gripper with respect to the second lift base. The first lift member is the second lift base of the second lift device which is configured such that the first lift member and second lift device are raised and lowered together as one unit when the first lift member is raised respectively lowered by the first lift mechanism.

IPC 8 full level

**B65F 3/00** (2006.01); **B65F 3/08** (2006.01)

CPC (source: EP)

**B65F 3/001** (2013.01); **B65F 3/08** (2013.01); **B65F 2003/0253** (2013.01)

Citation (applicant)

- EP 1491464 A1 20041229 - NAERPES TRAE & METALL AB [FI]
- EP 3020657 A1 20160518 - KEOX OY [FI]

Citation (search report)

- [YD] EP 1491464 A1 20041229 - NAERPES TRAE & METALL AB [FI]
- [Y] DE 102009056077 A1 20110601 - HN SCHOERLING GMBH [DE]
- [A] EP 3020657 A1 20160518 - KEOX OY [FI]

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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