

Title (en)

METHOD AND DEVICE FOR HANDLING WASTE COLLECTION CONTAINERS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HANDHABUNG VON MÜLLSAMMELBEHÄLTERN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MANUTENTION DE POUBELLES

Publication

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Application

EP 21382600 A 20210705

Priority

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Abstract (en)

The present invention discloses a device for handling waste collection containers, the device comprising a coupling head (1) which comprises a head structure (30) comprising a first holding member (10) having first movable elements (14) operated by means of first operating means, said first movable elements being movable between a handle gripping position and a handle release position and for being coupled to a handle (2, 2') fixed on an outer surface of a container (3); and wherein the first movable elements, between the handle gripping position and the handle release position, are also movable to an overload position wherein the movable elements are into geometric interference with the handle, and wherein the first operating means comprise resilient elements (15) configured to move a first movable element from the handle gripping position to the overload position when a force exerted by the container handle exceeds a threshold. It is also disclosed a method for handling waste collection containers.

IPC 8 full level

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CPC (source: EP)

B65F 3/0203 (2013.01)

Citation (applicant)

- EP 3115317 A1 20170111 - PALVI S L [ES]
- DE 29905551 U1 19990729 - SINTERPLAST S P A [IT]
- EP 1916218 A1 20080430 - BAKKER HARM [NL]
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Citation (search report)

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- [A] WO 2019081794 A1 20190502 - PEREZ VERA AQUILINO [ES]
- [A] CN 111284971 B 20200804

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