

Title (en)

Device for safely gripping of rubbish-collecting bins

Title (de)

Vorrichtung zum sicheren Greifen von Müllsammelbehältern

Title (fr)

Dispositif de préhension sécurisé pour récipients collecteurs d'ordures

Publication

EP 1300346 A1 20030409 (EN)

Application

EP 01830604 A 20010926

Priority

EP 01830604 A 20010926

Abstract (en)

The disclosed device comprises a pair of lifting arms (3) each carrying a gripping and handling member (4) comprising a hooking element (6) for engagement of a bin (5) to be emptied. The hooking element (6) has a rest seating (6a) with an arched profile arranged to receive a lifting pin (5a) of the bin (5), through a radial access clearance (7b). A closure member (10) is movable to a closed position of the radial access clearance, to prevent the lifting pin (5a) from accidentally coming out of the rest seating (6b). A feeler element (12) is moved to an operating position following introduction of the lifting pin (5a) into the rest seating (6b), to enable movement of the closure member (10) to the closed position. <IMAGE>

IPC 1-7

B65F 3/04

IPC 8 full level

B65F 3/04 (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP)

B65F 3/046 (2013.01); **B65F 2003/0243** (2013.01)

Citation (applicant)

EP 0776835 A1 19970604 - OMB BRESCIA SRL [IT]

Citation (search report)

- [X] DE 4343811 C1 19950316 - SUTCO MASCHINENBAU GMBH [DE]
- [DA] EP 0776835 A1 19970604 - OMB BRESCIA SRL [IT]

Designated contracting state (EPC)

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