

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 B1 20030416 (EN)

Application

EP 01830604 A 20010926

Priority

EP 01830604 A 20010926

Abstract (en)

[origin: EP1300346A1] 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)

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 1300346 A1 20030409; **EP 1300346 B1 20030416**; AT E237537 T1 20030515; DE 60100192 D1 20030522; DE 60100192 T2 20031023; ES 2193127 T3 20031101

DOCDB simple family (application)

EP 01830604 A 20010926; AT 01830604 T 20010926; DE 60100192 T 20010926; ES 01830604 T 20010926