

Title (en)  
AN APPARATUS FOR HANDLING RECEPTACLES

Title (de)  
VORRICHTUNG ZUR HANDHABUNG VON BEHÄLTERN

Title (fr)  
APPAREIL DE MANIPULATION DE RÉCIPIENTS

Publication  
**EP 3162721 A1 20170503 (EN)**

Application  
**EP 15306741 A 20151102**

Priority  
EP 15306741 A 20151102

Abstract (en)  
There is described a receptacle handling apparatus (1, 1'') comprising a conveying carousel (3, 3'') and a plurality of handling units (4, 4'') configured to advance along a path (Q) defined by rotation of the conveying carousel (3, 3''). Each handling unit (4, 4'') comprises one receptacle support pedestal (33) supporting, in use, one respective receptacle (2) and moveable in a vertical direction (V). The apparatus (1, 1'') further comprises elevation adjusting means (34, 34'') configured to adjust the positions of said pedestals (33) along the vertical direction (V) for adapting to different receptacle formats. The elevation adjusting means (34, 34'') comprise one height-adjusting bar (35, 35'') for each pedestal (33) and actuator means (36, 36') selectively activated to move each pedestal (33) along the vertical direction (V) via the respective height-adjusting bar (35, 35'').

IPC 8 full level  
**B65C 9/02** (2006.01); **B65C 9/06** (2006.01); **B67C 3/24** (2006.01)

CPC (source: EP)  
**B65C 9/02** (2013.01); **B65C 9/06** (2013.01); **B67C 3/24** (2013.01); **B67C 2003/2668** (2013.01)

Citation (applicant)  
EP 1264771 A1 20021211 - PE SRL [IT]

Citation (search report)  
• [XY] EP 2604571 A1 20130619 - KRONES AG [DE]  
• [Y] DE 102005041120 A1 20070301 - KRONES AG [DE]  
• [X] DE 10122752 A1 20021121 - REXROTH INDRAMAT GMBH [DE]  
• [A] EP 2749501 A1 20140702 - SIDEL SPA CON SOCIO UNICO [IT]  
• [A] US 3559702 A 19710202 - RIESENBERG JAMES H  
• [A] GB 207688 A 19231206 - BRATBY & HINCHLIFFE LTD, et al

Cited by  
CN113910824A; CN107487468A; IT201900005716A1; EP3450337A3; IT201700096625A1

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Designated extension state (EPC)  
BA ME

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