

Title (en)

Method of packing and unpacking containers and apparatus for carrying out the method

Title (de)

Verfahren zum Ein- und Auspacken von Behältern sowie Anlage zum Durchführen des Verfahrens

Title (fr)

Procédé de paquetage et de dépaquetage des récipients et dispositif pour la mise en oeuvre du procédé

Publication

EP 1676780 A1 20060705 (DE)

Application

EP 05025508 A 20051123

Priority

DE 102004062958 A 20041228

Abstract (en)

Method for unpacking and re-packing packing drums with containers received in a re-packing unit comprises lifting packing units using ejectors passing through the openings in the base of the re-packing units during the removal of re-packing units of the packing drums. An independent claim is also included for an arrangement for unpacking and re-packing packing drums with containers received in a re-packing unit. Preferred Features: The packing units of a mixed group are inserted against the ejectors lying in the re-packing unit by lowering. The packing units are removed from the re-packing unit of the packing drums as the same group.

IPC 8 full level

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CPC (source: EP)

B65B 5/065 (2013.01); **B65B 5/068** (2013.01); **B65B 69/00** (2013.01); **B65B 2220/14** (2013.01)

Citation (search report)

- [XA] US 2825193 A 19580304 - LOVERIDGE WILLIAM B
- [XA] JP S59152113 A 19840830 - CKD CORP, et al
- [A] US 3273304 A 19660920 - WINTER IV ALPHEUS, et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1676780 A1 20060705; **EP 1676780 B1 20080611**; AT E398082 T1 20080715; DE 102004062958 A1 20060713; DE 502005004389 D1 20080724; DK 1676780 T3 20081027; ES 2303661 T3 20080816

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