

Title (en)
An apparatus for conveying packaging containers

Title (de)
Vorrichtung zum Transportieren Verpackungsbehältern

Title (fr)
Dispositif pour transporter des recipient d'emballages

Publication
EP 0884243 A1 19981216 (EN)

Application
EP 98103318 A 19980226

Priority
SE 9701196 A 19970402

Abstract (en)
In a filling machine for producing, for example, single use disposable packages for beverages, packaging containers (1) are displaced between work stations by means of cassettes (15) which are connected to an endless conveyor (11). Each cassette (15) includes volume flaps (17) which are movable between an inactive and an active position, the flaps in the active position reducing the free area in a portion of the cassette so that a packaging container located in the cassette is stabilised and given the desired volume capacity. <IMAGE>

IPC 1-7
B65B 61/24

IPC 8 full level
B65B 3/06 (2006.01); **B65B 43/56** (2006.01); **B65B 61/28** (2006.01); **B67C 3/24** (2006.01)

CPC (source: EP)
B65B 43/56 (2013.01); **B65B 61/28** (2013.01)

Citation (search report)

- [XY] US 4462202 A 19840731 - REIL WILHELM [DE]
- [Y] EP 0413927 A1 19910227 - TETRA ALFA HOLDINGS [CH]
- [X] US 3857223 A 19741231 - DOMINICI A
- [X] GB 1493855 A 19771130 - ALTSTAEDTER VERPACK VERTRIEB
- [A] US 3488915 A 19700113 - DELESTATIUS ALFRED F
- [A] SE 318816 B 19691215 - TETRA PAK AB [SE]

Cited by
EP1759995A1; CN105692145A; EP1283172A1; CN116513716A

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