

Title (en)

Container filling apparatus.

Title (de)

Vorrichtung zum Abfüllen von Behältern.

Title (fr)

Appareil pour le remplissage de récipients.

Publication

EP 0161083 A1 19851113 (EN)

Application

EP 85302725 A 19850418

Priority

GB 8410209 A 19840419

Abstract (en)

Apparatus for filling containers with metered doses of liquids, which apparatus (1) includes a rotatable liquid-dispensing container-transporting carousel (2) having a plurality of circumferentially spaced container stations (3) and a dispensing head (14) rotatable with the carousel and including a plurality of positive displacement rotary pumps (5) adapted respectively to dispense liquid into containers located at said stations, and counting means (14) associated with each pump arranged to control the starting and/or stopping of each pump. The apparatus may be microprocessor controlled and is capable of very high container-filling rates.

IPC 1-7

B65B 43/60; B67C 3/20; B65B 3/30

IPC 8 full level

B65B 3/30 (2006.01); **B65B 43/60** (2006.01)

CPC (source: EP)

B65B 3/305 (2013.01); **B65B 43/60** (2013.01)

Citation (search report)

- [Y] EP 0100969 A2 19840222 - TETRA PAK INT [SE]
- [Y] US 3887110 A 19750603 - PORTER LAWRENCE C
- [Y] US 4415011 A 19831115 - GRANT DOUGLAS M [US]
- [A] US 3335767 A 19670815 - MANAS HERMAN D

Cited by

CN107804489A; CN115092436A

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0161083 A1 19851113; GB 8410209 D0 19840531

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