

Title (en)

Device for filling bottles and similar containers with liquids

Title (de)

Vorrichtung zum Befüllen von Flaschen und anderen Behältern mit Flüssigkeiten

Title (fr)

Dispositif de remplissage de bouteilles et récipients similaires de liquides

Publication

EP 1134183 B1 20021002 (DE)

Application

EP 00127572 A 20001215

Priority

DE 10010145 A 20000303

Abstract (en)

[origin: EP1134183A1] The device has bearer elements in the form of elongated plates (41) with container openings (A) and filling tubes protruding down from the product filling station for alignment with at least one row of container openings. Coupling arrangements reversibly hold the plates on a conveyor. The containers (B) are raised to the filling tubes (57) then lowered during filling.

IPC 1-7

B67C 7/00; **B67C 3/24**; **B67C 3/00**

IPC 8 full level

B65B 43/46 (2006.01); **B65B 43/52** (2006.01); **B67C 3/00** (2006.01); **B67C 3/24** (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP US)

B67C 3/242 (2013.01 - EP US); **B67C 7/002** (2013.01 - EP US); **B67C 7/0033** (2013.01 - EP US); **B67C 2007/006** (2013.01 - EP US)

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EP 1134183 A1 20010919; **EP 1134183 B1 20021002**; DE 10010145 A1 20010920; DE 50000598 D1 20021107; JP 2001315896 A 20011113; JP 3646290 B2 20050511; US 2001029999 A1 20011018; US 6343628 B2 20020205

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EP 00127572 A 20001215; DE 10010145 A 20000303; DE 50000598 T 20001215; JP 2001103875 A 20010227; US 79888701 A 20010302