Title (en)

Method and divice for filling plastic bottles

Title (de)

Verfahren und Vorrichtung zum Befüllen von Flaschen aus Kunststoff

Title (fr)

Méthode et dispositif pour remplir des bouteilles en plastique

Publication

**EP 0994067 A2 20000419 (EN)**

Application

**EP 98810942 A 19980921**

Priority

EP 98810942 A 19980921

Abstract (en)

Method and device for filling plastic bottles whereby a dispensing/suction nozzle (1) is inserted into the mouth (2) at the top of a bottle. The nozzle (1) dispenses a liquid to fill the bottle and at the same time sucks out the air contained inside the said bottle. As the bottle is filled, the nozzle (1) has a frustoconical surface (6), which is made of steel, that fits tightly against an edge of the mouth (2), forming an air-tight seal around the said mouth by virtue of which seal the pressure inside the bottle can be less than the pressure in the external environment. <IMAGE>

IPC 1-7

**B67C 3/16**

IPC 8 full level

**B67C 3/00** (2006.01); **B67C 3/16** (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP KR)

**B67C 3/00** (2013.01 - KR); **B67C 3/16** (2013.01 - EP); **B67C 3/2634** (2013.01 - EP); B67C 2003/266 (2013.01 - EP)

Cited by

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