

Title (en)
Container capping and filling apparatus

Title (de)
Behälterverschluss-und Füllvorrichtung

Title (fr)
Dispositif de fermeture et remplissage de récipients

Publication
EP 0798263 A1 19971001 (EN)

Application
EP 97830147 A 19970328

Priority
IT BO960179 A 19960329

Abstract (en)
An apparatus for filling and capping containers (3) includes a rotary carousel (2) which is driven in step and carries the containers (3) to be filled, that are fed to the carousel by a conveying line (5), to a station (6) where the containers (3) are filled with a liquid and then to a station (7) where the filled containers (3) are capped. The filling station (6) features a mobile element (15) carrying a group of liquid nozzle means (13) which can be connected to respective containers (3). The mobile element (15) is situated over the carousel (2) and is operated in two strokes, a working stroke in synchrony with the carousel (2) stepped movement in which the containers (3) are filled, and a return idle stroke in direction opposite to the carousel (2) movement. <IMAGE>

IPC 1-7
B67C 7/00

IPC 8 full level
B67C 7/00 (2006.01)

CPC (source: EP)
B67C 7/00 (2013.01)

Citation (search report)
• [X] US 4159608 A 19790703 - MASUDA SINZO, et al
• [X] DE 3740128 A1 19890608 - QUETSCH KARL HEINZ [DE]
• [A] DE 3740942 A1 19890615 - QUETSCH KARL HEINZ [DE]

Cited by
AU2004263527B2; ITPR20130092A1; CN110526191A; ITBO20080777A1; US2011005168A1; US8359818B2; EP1647488A3; US7219480B2; WO2015071868A3; WO2005014464A1; WO2010073118A1

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