

Title (en)

Filling group for bottles, with a dummy-bottle automatic sanitising system

Title (de)

Füllgruppe für Flaschen, mit einem automatischen Dummy-Flaschen-Desinfektionssystem

Title (fr)

Groupe de remplissage pour bouteilles, avec un système de désinfection automatique avec réservoir de rinçage

Publication

EP 2690054 A1 20140129 (EN)

Application

EP 13177662 A 20130723

Priority

IT MI20121313 A 20120726

Abstract (en)

Filling group (10) for filling bottles (B) or other containers with a filling liquid of the type comprising: - a filling nozzle (3) arranged to dispense both said filling liquid into said bottle or other container to be filled (B), and a sanitising liquid coming from a tank (7); and - a dummy-bottle sanitising device (9); characterised in that said dummy-bottle sanitising device (9) comprises: - a chamber for collecting (11) the sanitising liquid supplied by said nozzle (3) or counter-current by a channel (21) communicating with said collecting chamber (11); - a collecting arm (13) bearing said chamber (11) movable in a reversible roto-translational manner between a rest position in which said filling nozzle (3) is free and dispenses said filling liquid into said bottle or other container to be filled (B), and a working position in which the collecting chamber (11) is coupled with the dispensing end of said filling nozzle (3); - an actuator (15) for driving said collecting arm (13) in movement between said rest position and said working position.

IPC 8 full level

B67C 3/00 (2006.01)

CPC (source: EP)

B67C 3/004 (2013.01)

Citation (search report)

- [X] JP S5495178 U 19790705
- [XI] WO 9533675 A1 19951214 - SERAC SA [FR]
- [XI] JP 2002145201 A 20020522 - TETRA PAK JAPAN
- [XI] EP 0780338 A1 19970625 - PROCOMAC SPA [IT]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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