

Title (en)

Filling process and apparatus in filling machines

Title (de)

Füllverfahren und Vorrichtung in Abfüllmaschinen

Title (fr)

Processus de remplissage et appareil dans des machines de remplissage

Publication

EP 2100846 A1 20090916 (EN)

Application

EP 09154837 A 20090311

Priority

IT PR20080017 A 20080312

Abstract (en)

A filling method for aseptic and/or non-aseptic filling machines (R), which includes a filling step in line with the main product transfer line (L1), said product being directly intercepted and introduced into the container (5) to be filled by the filling head (T) of the machine (R) comprising a fill valve (10). Said fill valve (10) being mounted directly in line with the main line (L1).

IPC 8 full level

B67C 3/30 (2006.01)

CPC (source: EP)

B67C 3/30 (2013.01)

Citation (search report)

- [X] US 4915147 A 19900410 - SKIBOWSKI HUBERT [DE]
- [X] DE 2159498 A1 19730607 - SEEBERGER KG MASCHINEN UND GER
- [X] US 2670889 A 19540302 - HECKENDORF HOWARD A
- [A] US 4485856 A 19841204 - DULIAN ROBERT J [US], et al

Cited by

CN107098303A; CN107298191A

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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