

Title (en)  
Apparatus for filling a product into a container under aseptic conditions

Title (de)  
Vorrichtung zum Einfüllen eines Produkts in einen Behälter unter aseptischen Bedingungen

Title (fr)  
Appareil de remplissage d'un produit dans un conteneur dans des conditions aseptiques

Publication  
**EP 2420450 A1 20120222 (EN)**

Application  
**EP 10173102 A 20100817**

Priority  
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Abstract (en)  
An apparatus for filling a product, in particular a medicament, under aseptic conditions into a container 5, said apparatus comprising: #c an entry station 1 for entering said container 5 into said apparatus; #c a filling station 2 for introducing said product into said container 5; #c a sealing station 3 for sealing said container 5; #c an exit station 4 for removing said container 5 from said apparatus; and #c conveying means 6 for moving said container 5 along at least the above-mentioned stations, said conveying means 6 comprising a first segment A extending along at least one of said above-mentioned stations, and a second segment B extending along at least another of said above-mentioned stations, said apparatus comprises a carriage 7 provided to hold a set of at least two containers 5, and said conveying means 6 being provided to handle said carriage 7, wherein said conveying means 6 is provided to independently move a first carriage in said first segment A with respect to a second carriage in said second segment B.

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Citation (applicant)  
• EP 0309151 W 20030815  
• WO 2004076288 A1 20040910 - GLAXOSMITHKLINE BIOLOG SA [BE], et al

Citation (search report)  
• [Y] EP 1647488 A2 20060419 - MARCHESINI GROUP SPA [IT]  
• [Y] EP 0565166 A2 19931013 - EASTMAN KODAK CO [US]  
• [Y] WO 2005093433 A1 20051006 - BECKMAN COULTER INC [US]  
• [Y] GB 1161250 A 19690813 - DOLE ENG CO JAMES [US]  
• [Y] WO 2009153018 A1 20091223 - VETTER & CO APOTHEKER [DE], et al  
• [Y] WO 2004076288 A1 20040910 - GLAXOSMITHKLINE BIOLOG SA [BE], et al

Cited by  
WO2016012158A1; ITMO20130130A1; CN106660649A; DE102017207307A1; EP3241771A1; EP2832648A1; CN106660643A; CN106660642A; US2018229866A1; US2022212818A1; EP2836433A4; CN107253545A; RU2635382C2; EP3456643A1; EP2659922A3; CN106573685A; US9878813B2; CN106660648A; JP2021505488A; WO2019129394A1; WO2016012160A1; WO2019129395A1; WO2019129396A1; WO2016012159A1; US10643875B2; US10996232B2; US10640354B2; US11498707B2; US9555911B2; US11584628B2; US10640249B2; WO2016012157A1; WO2017192188A1; EP2832648B1; US10099863B2; US10625951B2; US10669049B2; EP3741688A2; US10558201B2; US11698626B2; US12043436B2; WO2013155369A1; US10273025B2; US10613523B2; US11048243B2; WO2022046273A1

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