

Title (en)

Drug delivery container having a luer filter

Title (de)

Behälter mit einem Luer-Filter zur Verabreichung eines Arzneistoffes

Title (fr)

Flacon pour délivrer des médicaments comportant un filtre de type luer

Publication

EP 0897708 A2 19990224 (EN)

Application

EP 98306407 A 19980811

Priority

US 90960097 A 19970812

Abstract (en)

A vial connector assembly is provided for sealing a vial of lyophilized drug and for subsequently enabling delivery of solvent to the vial and subsequent removal of a drug solution from the vial. The assembly includes at least one stopper for selectively sealing the vial, a luer connection for connecting the vial to a supply of solvent or to a drug delivery device, a passage for permitting delivery of the solvent to the vial and removal of a drug solution from the vial and a filter for controlling the flow of materials into and out of the vial. The filter is constructed to permit a flow of pressurized fluid therethrough during delivery of the solvent to the vial and removal of the drug solution from the vial. However, the filter acts to prevent passage of extraneous material into the vial and acts to prevent passage of undissolved lyophilized drug from the vial. The filter also prevents low pressure splashing of fluid from the vial, thereby preventing inadvertent contact with the drug and maintaining a controlled volume of the drug in the vial. <IMAGE>

IPC 1-7

A61J 1/20

IPC 8 full level

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CPC (source: EP)

A61J 1/2089 (2013.01); **A61J 1/2096** (2013.01); **A61J 1/2031** (2015.05); **A61J 1/2055** (2015.05); **A61J 1/2086** (2015.05)

Cited by

EA011347B1; US10969333B2; CN103200922A; AU2011288549B2; USD923812S; US9795536B2; USD923782S; WO2006063504A1; WO2019027723A1; US9801786B2; USD917693S; US10806671B2; US10357429B2; US11918542B2; US9333147B2; US10646404B2; USD903864S; US10945921B2; US9839580B2; US10299990B2; US10806667B2; USD956958S; US9943463B2; USD832430S; US10278897B2; US11624703B2; US11642285B2; WO2012019983A1; EP1079789B1; US10285907B2; US10688295B2; US10765604B2; US10772797B2; US10772798B2; USD954253S; US11484470B2; US11786443B2; US11786442B2

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