

Title (en)  
AN APPLIANCE FOR THE MIXING AND/OR TRANSFER OF A SUBSTANCE

Publication  
**EP 0327519 B1 19911030 (EN)**

Application  
**EP 89850025 A 19890130**

Priority  
SE 8800337 A 19880203

Abstract (en)  
[origin: EP0327519A1] An appliance for the mixing and/or transfer of a substance, particularly a medical solution. The appliance comprises a first unit (2), with one or more connection apertures (10, 14) for connection to external containers (12, 16) and a second unit(4) which is connected or connectable to a substance container (6). Devices (44, 34) are provided on said first and second units (2, 4) for connection of the two units to each other. An automatic shut-off valve (8) is fitted in at least one of the connection apertures in the first unit (2). The valve (8) keeps the connection aperture (10) closed in an inactive position, whilst it is opened and kept open by the container (12) connected to one of the connection apertures (10).

IPC 1-7  
**A61J 1/00; B65B 7/00**

IPC 8 full level  
**A61J 1/00** (2006.01); **A61J 1/20** (2006.01); **B65B 7/00** (2006.01)

CPC (source: EP)  
**A61J 1/2089** (2013.01); **A61J 1/2096** (2013.01); **A61J 1/201** (2015.05); **A61J 1/2055** (2015.05); **A61J 1/2058** (2015.05)

Cited by  
WO2009123574A1; US5171214A; CN100459944C; US5267646A; US5632315A; EP3087010A4; US5899877A; EP1277490A1; EP0723784A1; US5782815A; FR2716801A1; EP0499481A1; US5454409A; US8668673B2; US2014137386A1; US9475157B2; US6277091B1; WO2020260057A1; US10744066B2; WO2008006660A1; WO9523576A1; WO2005018831A1; WO9529661A1; EP2948124B1; WO2008009288A1; WO2021067133A1; US8034044B2; US8652097B2; US10245380B2

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0327519 A1 19890809; EP 0327519 B1 19911030**; AT E68957 T1 19911115; AU 2893289 A 19890803; DE 68900364 D1 19911205; DK 32889 A 19890804; DK 32889 D0 19890126; SE 8800337 D0 19880203; SE 8800337 L 19890804

DOCDB simple family (application)  
**EP 89850025 A 19890130**; AT 89850025 T 19890130; AU 2893289 A 19890131; DE 68900364 T 19890130; DK 32889 A 19890126; SE 8800337 A 19880203