

Title (en)  
DEVICE FOR CONNECTION BETWEEN A VESSEL AND A CONTAINER AND READY-TO-USE ASSEMBLY COMPRISING SAME

Title (de)  
VERBINDUNGSVORRICHTUNG ZWISCHEN BEHÄLTER UND INHALT UND GEBRAUCHSFERTIGE ANORDNUNGEN DIE EINE SOLCHE VORRICHTUNG ENTHALTEN

Title (fr)  
DISPOSITIF DE CONNEXION ENTRE UN RECIPIENT ET UN CONTENANT ET ENSEMBLE PRET A L'EMPLOI COMPRENANT UN TEL DISPOSITIF

Publication  
**EP 1239808 A1 20020918 (FR)**

Application  
**EP 01978541 A 20011016**

Priority  
• FR 0103198 W 20011016  
• FR 0013297 A 20001017

Abstract (en)  
[origin: FR2815328A1] Connector, used e.g. in preparing a pharmaceutical mixture from a substance in a recipient (2) with a liquid in a container (3) and comprising a base (10) and a sliding piston (20) with a hollow needle (22), has the piston fitted with a valve (V) to control the flow of a fluid from or to the recipient, is new. The connector, used e.g. in preparing a pharmaceutical mixture from a substance in a recipient (2) with a liquid in a container (3) and comprising a base (10) and a sliding piston (20) with a hollow needle (22), has the piston fitted with a valve (V) to control the flow of a fluid from or to the recipient. The valve is integral with a part of the piston designed to connect the container and needle and comprising a body (26d) in one piece with the piston and an inner elastically deformable shutter (27).

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

IPC 8 full level  
**A61J 1/00** (2006.01); **A61J 3/00** (2006.01); **A61J 1/20** (2006.01)

CPC (source: EP US)  
**A61J 1/2096** (2013.01 - EP US); **A61J 1/1412** (2013.01 - EP US); **A61J 1/201** (2015.05 - EP US); **A61J 1/2037** (2015.05 - EP US); **A61J 1/2075** (2015.05 - EP US); **A61J 1/2082** (2015.05 - EP US)

Cited by  
DE202013105808U1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**US 2002193777 A1 20021219**; AR 030896 A1 20030903; AU 1064702 A 20020429; BR 0107328 A 20020827; CA 2393378 A1 20020425; CN 1392793 A 20030122; EP 1239808 A1 20020918; FR 2815328 A1 20020419; FR 2815328 B1 20021220; HU P0204000 A2 20030328; HU P0204000 A3 20041228; JP 2004511306 A 20040415; KR 20020065571 A 20020813; MX PA02006005 A 20021205; PL 354705 A1 20040209; RU 2002117648 A 20040210; TW 575442 B 20040211; WO 0232372 A1 20020425; ZA 200204187 B 20030123

DOCDB simple family (application)  
**US 14939702 A 20020611**; AR P010104842 A 20011016; AU 1064702 A 20011016; BR 0107328 A 20011016; CA 2393378 A 20011016; CN 01803136 A 20011016; EP 01978541 A 20011016; FR 0013297 A 20001017; FR 0103198 W 20011016; HU P0204000 A 20011016; JP 2002535611 A 20011016; KR 20027007676 A 20020615; MX PA02006005 A 20011016; PL 35470501 A 20011016; RU 2002117648 A 20011016; TW 90125372 A 20011015; ZA 200204187 A 20020527