

Title (en)  
MULTISHOT SIDEARM INJECTION DEVICE

Title (de)  
INJEKTIONSVORRICHTUNG MIT SEITENARM FÜR MEHRFACHINJEKTIONEN

Title (fr)  
APPAREIL D'INJECTION A USAGES REPETES COMPORTANT UN MEMBRE LATERAL

Publication  
**EP 0721356 A1 19960717 (EN)**

Application  
**EP 93916791 A 19930628**

Priority  
US 9306112 W 19930628

Abstract (en)  
[origin: WO9500188A1] A multishot sidearm injection device for use with a needleless injector has a main body (21), an extension sidearm (22) and a resilient valve. The extension sidearm (22) is attached to one side of the main body (21), and the valve body (23) is disposed in the opening thereof and abuts against the extension sidearm (22) to seal a tubular injection hole (211) at one end thereof. A protruding end of a syringe (40) produces pressure on the valve body (23) thereby forcing the resilient valve body (23) into its compressed position to permit the solution to enter the delivery tube (33A) of the main body (21). In the absence of pressure, the resilient valve body (23) assumes its closed position, thereby closing the injection passage, whereby no air is able to enter the delivery tube (33A) to cause embolism in blood vessels of the patient.

IPC 1-7  
**A61M 5/00**

IPC 8 full level  
**A61M 5/00** (2006.01); **A61M 39/02** (2006.01); **A61M 39/26** (2006.01)

CPC (source: EP)  
**A61M 39/02** (2013.01); **A61M 39/26** (2013.01)

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

DOCDB simple family (publication)  
**WO 9500188 A1 19950105**; AU 4652793 A 19950117; BG 100321 A 19960830; BR 9307882 A 19960423; EP 0721356 A1 19960717; EP 0721356 A4 19970409; FI 956297 A0 19951228; FI 956297 A 19960214; NO 955329 D0 19951228; NO 955329 L 19960227

DOCDB simple family (application)  
**US 9306112 W 19930628**; AU 4652793 A 19930628; BG 10032196 A 19960129; BR 9307882 A 19930628; EP 93916791 A 19930628; FI 956297 A 19951228; NO 955329 A 19951228