

Title (en)  
INJECTION DEVICE.

Title (de)  
INJEKTIONSEINRICHTUNG.

Title (fr)  
DISPOSITIF D'INJECTION.

Publication  
**EP 0296180 A1 19881228 (DE)**

Application  
**EP 87906407 A 19870918**

Priority  
• DE 8625574 U 19860922  
• DE 8625575 U 19860922

Abstract (en)  
[origin: US5026357A] The invention relates to a medicament injection device in which the material to be injected can be distributed through injection points over a large area surface, whereby simultaneously the device can be easily secured at the injection points and can lie relatively flush with the body without taking up a great deal of space. A mounting support is provided on which several cannulae are held spaced from one another, which are connected with a supply conduit and whose longitudinal axes, when the device is in a flat position, extend parallel to one another.

Abstract (fr)  
Un dispositif d'injection permet de distribuer sur une large surface la substance à injecter. En même temps, il se fixe aisément sur le site de l'injection et occupe peu de place, posé à plat sur le corps. Un support rigide porte plusieurs canules (3) mutuellement espacées reliées à un conduit d'alimentation et ayant des axes longitudinaux parallèles.

IPC 1-7  
**A61M 37/00**

IPC 8 full level  
**A61M 5/158** (2006.01); **A61M 5/32** (2006.01); **A61M 37/00** (2006.01)

CPC (source: EP US)  
**A61M 5/158** (2013.01 - EP US); **A61M 5/32** (2013.01 - EP US); **A61M 37/00** (2013.01 - EP US); **A61M 5/3291** (2013.01 - EP US); **A61M 5/3298** (2013.01 - EP US); **A61M 2005/1581** (2013.01 - EP US)

Citation (search report)  
See references of WO 8801886A1

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

DOCDB simple family (publication)  
**US 5026357 A 19910625**; AU 617293 B2 19911128; AU 8023987 A 19880407; DE 3763287 D1 19900726; DK 280288 A 19880520; DK 280288 D0 19880520; EP 0261598 A1 19880330; EP 0261598 B1 19900620; EP 0296180 A1 19881228; ES 2016606 B3 19901116; JP H02500718 A 19900315; WO 8801886 A1 19880324

DOCDB simple family (application)  
**US 32670789 A 19890321**; AU 8023987 A 19870918; DE 3763287 T 19870918; DK 280288 A 19880520; EP 8700535 W 19870918; EP 87113664 A 19870918; EP 87906407 A 19870918; ES 87113664 T 19870918; JP 50583387 A 19870918