

Title (en)  
JET INJECTOR FOR MASS INOCULATION

Publication  
**EP 0560856 A4 19940601 (EN)**

Application  
**EP 92900565 A 19911206**

Priority  
AU PK380190 A 19901207

Abstract (en)  
[origin: WO9210226A1] A needleless jet injector device (100) for use with separate storage tanks of gas and medicament, the device (100) comprising a body having a gas inlet for connection to the gas storage tank and a medicament inlet for connection to the medicament storage tank, an active chamber for receiving medicament and having a jet nozzle (1) through which the medicament is discharged, the active chamber further receiving a piston head (3) movable to force the medicament through the nozzle (1) upon movement of the piston head (3) in the chamber towards the nozzle (1), the piston head (3) being connected to a piston (9) movable within a gas chamber (24) within the body, and means (14, 15, 20) for selectively allowing gas to enter the gas chamber (24) so as to move the piston (9) and the piston head (3) to discharge medicament through the nozzle (1).

IPC 1-7  
**A61M 5/30**

IPC 8 full level  
**A61M 5/30** (2006.01); **A61M 5/307** (2006.01); **A61M 5/20** (2006.01)

CPC (source: EP)  
**A61M 5/30** (2013.01); **A61M 5/2053** (2013.01)

Citation (search report)

- [X] EP 0294272 A2 19881207 - ACCARIES CLAUDE [FR], et al
- [Y] US 4059107 A 19771122 - IRIGUCHI NORIO, et al
- [Y] WO 8202835 A1 19820902 - COHEN EDGAR C [US]
- [A] CH 371561 A 19630831 - ISMACH AARON [US]
- [A] EP 0063342 A1 19821027 - HOECHST AG [DE]
- [A] EP 0063343 A1 19821027 - HOECHST AG [DE]
- See references of WO 9210226A1

Cited by  
DE10158118A1; DE10158118C2

Designated contracting state (EPC)  
AT BE DE DK FR GB IT LU MC NL SE

DOCDB simple family (publication)  
**WO 9210226 A1 19920625**; CA 2097919 A1 19920608; EP 0560856 A1 19930922; EP 0560856 A4 19940601

DOCDB simple family (application)  
**AU 9100566 W 19911206**; CA 2097919 A 19911206; EP 92900565 A 19911206