

Title (en)  
DELIVERY OF MICROPARTICLE FORMULATIONS USING NEEDLELESS SYRINGE DEVICE FOR SUSTAINED-RELEASE OF BIOACTIVE COMPOUNDS

Title (de)  
VERABREICHUNG VON MIKROTEILCHEN-FORMULIERUNGEN UNTER VERWENDUNG EINER NADELLOSEN SPRITZE ZUR VERZÖRGERTEN FREIGABE BIOAKTIVER VERBINDUNGEN

Title (fr)  
ADMINISTRATION DE FORMULATIONS MICROPARTICULAIRES A L'AIDE D'UNE SERINGUE SANS AIGUILLE POUR LA LIBERATION LENTE DE COMPOSES BIOACTIFS

Publication  
**EP 1158961 A1 20011205 (EN)**

Application  
**EP 00907848 A 20000308**

Priority

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- US 12326499 P 19990308
- US 26442799 A 19990308

Abstract (en)  
[origin: WO0053160A1] A composition for administration to a subject by means of a needleless syringe comprises particles which have a mean mass aerodynamic diameter of from 1 to 250 microns and an envelope density of from 0.1 to 25 g/cm<sup>3</sup>, the particles comprising a biologically active agent and a sustained-release material which controls the release of the active agent to the subject following administration.

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**A61K 9/16**; **A61M 5/30**

IPC 8 full level  
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CPC (source: EP)  
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See references of WO 0053160A1

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