

Title (en)  
BIODEGRADABLE MICROPARTICLE PHARMACEUTICAL FORMULATIONS EXHIBITING IMPROVED RELEASE RATES

Title (de)  
BIOLOGISCH ABBAUBARE MIKROTEILCHENFÖRMIGE PHARMAZEUTISCHE FORMULIERUNGEN MIT VERBESSERTEN FREISETZUNGSRATEN

Title (fr)  
FORMULATIONS PHARMACEUTIQUES DE MICROPARTICULES BIODEGRADABLES PRESENTANT DES TAUX DE LIBERATION AMELIORES

Publication  
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Application  
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- US 22044505 A 20050907
- US 22080705 A 20050907
- US 22133705 A 20050907
- US 22043005 A 20050907

Abstract (en)  
[origin: WO2007030545A2] This invention is directed to an apparatus and method for producing microparticles comprising pharmacologically active agents and biodegradable polymers. The apparatus (100) includes a spinning disk (105) containing a reservoir (708) in the center thereof and a flat inclined surface. The apparatus optionally includes serrations (712) and/or a flat surface beneath the periphery of the disk that is parallel to the rotational axis of the disk. The invention is also directed to a method for producing microparticles containing pharmacologically active agents, using the spinning disk apparatus. Formulations containing ophthalmically active agents are provided. Formulations exhibiting zero order release rates are also described.

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Citation (search report)

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- [X] WO 2004041251 A1 20040521 - OCEAN NUTRITION CANADA LTD [CA], et al
- [A] US 5665428 A 19970909 - CHA YOUNSIK [US], et al
- [A] US 4256677 A 19810317 - LEE LAWRENCE L
- See references of WO 2007030545A2

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