

Title (en)  
HIGH PRESSURE COMPACTION FOR PHARMACEUTICAL FORMULATIONS

Title (de)  
HOCHDRUCK-TABLETTIERUNG FÜR ARZNEIMITTELFÖRMULIERUNGEN

Title (fr)  
COMPACTAGE HAUTE PRESSION POUR FORMULATIONS PHARMACEUTIQUES

Publication  
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- US 43556502 P 20021220
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Abstract (en)  
[origin: WO2004058222A1] Methods for producing a pharmaceutical preparation of pressure-fused particles including an active pharmaceutical ingredient are disclosed. The methods include the application of a pressure of between 0.1 GPa and 10 GPa to produce a compacted sample. The pressure-fused particles of the invention are useful for parenteral administration, and particularly sustained-release formulations, due to dissolution kinetics which are superior to conventional crystalline or amorphous packed powder preparations of active pharmaceutical ingredients. Pharmaceutical preparations including such pressure-fused microparticles are also disclosed.

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