

Title (en)  
METHOD FOR PRODUCING A COMPOSITE MATERIAL COMPRISING ACTIVE SUBSTANCE SOLID DISPERSIONS IN A POLYMER MATRIX

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES WIRKSTOFFHALTIGEN VERBUNDMATERIALES

Title (fr)  
PROCEDE DE FABRICATION D'UN MATÉRIAU COMPOSITE COMPRENANT UNE SUBSTANCE ACTIVE

Publication  
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Application  
**EP 06763648 A 20060612**

Priority

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Abstract (en)  
[origin: WO2006131570A2] The invention relates to a method for producing a composite material comprising solid dispersions of an active substance in a polymer matrix consisting in introducing the polymer matrix into an extruder (1), in actuating said extruder (1) in such a way that the rheological properties of the polymer matrix are modified, in exposing a fluid to supercritical conditions and in injecting it alone or mixed with another component into the extruder (1), in particular through an injection nozzle (11), in introducing an active substance into the extruder (1), in mixing a supercritical fluid, the active substance and the polymer matrix and in de-stressing the thus obtained mixture in such a way that a microporous structure is formed therein.

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