

Title (en)  
PROCESS TO PREPARE A POLYMER NANOCOMPOSITE COMPOSITION

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINER POLYMER-NANOKOMPOSITZUSAMMENSETZUNG

Title (fr)  
PROCEDE D'ELABORATION D'UNE COMPOSITION POLYMERE NANOCOMPOSITE

Publication  
**EP 1089866 A4 20020925 (EN)**

Application  
**EP 99908144 A 19990212**

Priority  
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Abstract (en)  
[origin: WO9941060A1] A process to prepare a polymer nanocomposite composition comprising forming a flowable mixture of a polyamide and a silicate material; dissociating at least about 50 % but not all of said silicate material; and subjecting the polyamide in the dissociated mixture to solid state polymerization to form the nanocomposite.

IPC 1-7  
**B29D 22/00**; **C08K 3/34**; **C08K 9/08**; **C08G 69/04**; **C08K 9/04**; **C08F 2/44**

IPC 8 full level  
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CPC (source: EP KR)  
**B29D 22/00** (2013.01 - KR); **B82Y 30/00** (2013.01 - EP); **C08J 5/005** (2013.01 - EP); **C08K 3/34** (2013.01 - EP); **C08K 9/08** (2013.01 - EP); **B82Y 30/00** (2013.01 - KR); **C08J 2377/00** (2013.01 - EP)

Citation (search report)  
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• [YX] GB 1069656 A 19670524 - ICI FIBRES LTD  
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• See references of WO 9941060A1

Designated contracting state (EPC)  
DE FR GB IT NL

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**WO 9941060 A1 19990819**; AU 2764599 A 19990830; BR 9907895 A 20011226; CA 2320909 A1 19990819; CN 1297401 A 20010530; EP 1089866 A1 20010411; EP 1089866 A4 20020925; JP 2002502913 A 20020129; KR 20010040965 A 20010515; MX PA00007913 A 20020301; MX PA00011151 A 20010701

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