Title (en)
PROCESS FOR THE PREPARATION OF SOLID POLYMER COMPOSITES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON FESTSTOFF-POLYMERZUSAMMENSETZUNGEN

Title (fr)
PREPARATION DE COMPOSITES POLYMERES SOLIDES

Publication
EP 1042357 A1 20001011 (EN)

Application
EP 98960006 A 19981217

Priority
• GB 9803732 W 19981217
• GB 9727126 A 19971222

Abstract (en)
[origin: WO9932508A1] A process for the production of solid polymer composites, polymer composites obtainable by the process, the use of the polymer composites as solid supports for chemical synthesis, and chemical libraries synthesised on the polymer composites are described. The process comprises polymerising a non-(meth)acrylate monomer, oligomer or monomer/oligomer mixture, in a substantially planar inert porous non-cellulosic solid substrate under conditions whereby the non-(meth)acrylate monomer, oligomer or monomer/oligomer mixture is substantially unreactive towards the substrate. Preferably, the polymer composite produced comprises a functionalised polystyrene.

IPC 1-7
C07K 1/04; C08F 8/00; C08L 25/18

IPC 8 full level
B01J 19/00 (2006.01); **C07K 1/04** (2006.01); **C08F 8/00** (2006.01); C40B 40/06 (2006.01); C40B 40/10 (2006.01); C40B 70/00 (2006.01)

CPC (source: EP)
B01J 19/0046 (2013.01); **C07K 1/047** (2013.01); **C08F 8/00** (2013.01); **C08F 8/10** (2013.01); **C08F 8/18** (2013.01); **C08F 8/34** (2013.01); B01J 2219/00497 (2013.01); B01J 2219/00502 (2013.01); B01J 2219/00513 (2013.01); B01J 2219/0054 (2013.01); B01J 2219/0059 (2013.01); B01J 2219/00592 (2013.01); B01J 2219/00596 (2013.01); B01J 2219/00691 (2013.01); B01J 2219/0072 (2013.01); B01J 2219/00722 (2013.01); B01J 2219/00725 (2013.01); C08F 2800/20 (2013.01); C08F 2810/20 (2013.01); C40B 40/06 (2013.01); C40B 40/10 (2013.01); C40B 70/00 (2013.01)

Citation (search report)
See references of WO 9932508A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
WO 9932508 A1 19990701; AU 1569799 A 19990712; EP 1042357 A1 20001011; GB 9727126 D0 19980225

DOCDB simple family (application)
GB 9803732 W 19981217; AU 1569799 A 19981217; EP 98960006 A 19981217; GB 9727126 A 19971222