

Title (en)

NOVEL POLYMER ADDITIVES FOR FORMING OBJECTS

Title (de)

NEUE POLYMERADDITIVE ZUM FORMEN GEGENSTÄNDEN

Title (fr)

NOUVEAUX ADDITIFS POLYMERES POUR LA FORMATION D'OBJETS

Publication

**EP 0925327 A1 19990630 (EN)**

Application

**EP 97942516 A 19970915**

Priority

- US 9716439 W 19970915
- US 9614846 W 19960913
- US 75449796 A 19961120

Abstract (en)

[origin: WO9811159A1] The present invention relates to novel methods and compositions related to polymer concrete comprising conventional resins with novel additives to prevent shrinking and cracking of the resin, to accelerate curing and to treat fillers. These compositions and methods can be employed to form large objects and objects of irregular shapes. These compositions and method provide lightweight materials some of which are hard and inflexible, while others are hard and flexible.

IPC 1-7

**C08K 3/40**

IPC 8 full level

**C08J 5/04** (2006.01); **C04B 26/02** (2006.01); **C08F 257/02** (2006.01); **C08F 265/06** (2006.01); **C08F 291/00** (2006.01); **C08G 18/30** (2006.01); **C08K 3/40** (2006.01); **C08K 7/14** (2006.01); **C08L 25/04** (2006.01); **C08L 31/04** (2006.01); **C08L 33/00** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP KR)

**C04B 26/02** (2013.01 - EP); **C08F 257/02** (2013.01 - EP); **C08F 265/06** (2013.01 - EP); **C08F 291/00** (2013.01 - EP); **C08K 3/40** (2013.01 - EP KR); **C04B 2111/34** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9811159 A1 19980319**; AU 4419997 A 19980402; CA 2266054 A1 19980319; EP 0925327 A1 19990630; EP 0925327 A4 20011017; JP 2001500553 A 20010116; KR 20000036095 A 20000626

DOCDB simple family (application)

**US 9716439 W 19970915**; AU 4419997 A 19970915; CA 2266054 A 19970915; EP 97942516 A 19970915; JP 51398798 A 19970915; KR 19997002113 A 19990312