

Title (en)

POLYCARBODIIMIDE-MODIFIED ORGANOPOLYSILOXANES, PROCESS FOR PREPARING SAME AND THEIR APPLICATION

Publication

EP 0000350 B1 19820120 (DE)

Application

EP 78100258 A 19780628

Priority

DE 2730743 A 19770707

Abstract (en)

[origin: ES471505A1] Polycarbodiimide is present as a solid phase in a liquid polyorganosiloxane, preferably being formed therein by mixing a polyisocyanate with the polysiloxane followed by a carbodiimidization catalyst. If the polyorganosiloxane contains hydroxyl groups it can be chemically bonded to the polycarbodiimide. The composition can be cured to solid plastic masses of superior properties by adding a curing agent for the polysiloxane.

IPC 1-7

C08L 83/04; **C08G 18/02**; **C09D 3/82**

IPC 8 full level

C08G 18/00 (2006.01); **C08G 18/02** (2006.01); **C08G 18/61** (2006.01); **C08L 83/00** (2006.01); **C08G 18/79** (2006.01); **C08G 77/42** (2006.01); **C08L 83/04** (2006.01); **C09J 183/00** (2006.01)

CPC (source: EP US)

C08G 18/025 (2013.01 - EP US); **C08G 18/61** (2013.01 - EP US); **C08G 18/797** (2013.01 - EP US); **C08G 77/42** (2013.01 - EP US); **C08L 83/04** (2013.01 - EP US); **C08G 77/455** (2013.01 - EP US)

C-Set (source: EP US)

C08L 83/04 + **C08L 2666/14**

Cited by

EP0010708A1; EP0010709A1; EP0026263A3; GB2177710A; GB2177710B; WO2006101166A1; US8334341B2

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0000350 A1 19790124; **EP 0000350 B1 19820120**; AU 3772178 A 19800110; AU 518879 B2 19811022; BR 7804340 A 19790320; CA 1133165 A 19821005; DE 2730743 A1 19790125; DE 2861542 D1 19820304; ES 471505 A1 19790116; IT 1106604 B 19851111; IT 7850166 A0 19780705; JP S5417961 A 19790209; JP S5833893 B2 19830722; US 4214066 A 19800722

DOCDB simple family (application)

EP 78100258 A 19780628; AU 3772178 A 19780703; BR 7804340 A 19780706; CA 306852 A 19780705; DE 2730743 A 19770707; DE 2861542 T 19780628; ES 471505 A 19780706; IT 5016678 A 19780705; JP 8106978 A 19780705; US 91812878 A 19780622