

Title (en)

POLYSILOXANES BASED COMPOSITIONS CONVERTIBLE INTO ELASTOMERS BY CROSS-LINKING

Publication

EP 0000929 B1 19810318 (DE)

Application

EP 78100691 A 19780817

Priority

DE 2737303 A 19770818

Abstract (en)

[origin: US4191817A] Curable compositions which can be stored under anhydrous conditions, but when exposed to atmospheric moisture cross-link to form elastomers, which consists of (1) a diorganopolysiloxane having terminal condensable groups, (2) a silicon compound containing at least three hydrolyzable groups per molecule in which the hydrolyzable groups are amino groups bonded to silicon via nitrogen and/or oxime groups bonded to silicon via oxygen and (3) at least one additional component which improves adhesion of the elastomers obtained from said compositions to substrates, in which the additional component (3) is an organosilicon compound containing at least one siloxane-oxygen atom and at least one amino group which is bonded to silicon by carbon.

IPC 1-7

C08L 83/04

IPC 8 full level

C08L 83/04 (2006.01); **C08L 83/00** (2006.01)

CPC (source: EP US)

C08L 83/04 (2013.01 - EP US); **C08G 77/045** (2013.01 - EP US); **C08G 77/14** (2013.01 - EP US); **C08G 77/16** (2013.01 - EP US); **C08G 77/18** (2013.01 - EP US); **C08G 77/26** (2013.01 - EP US); **C08G 77/46** (2013.01 - EP US); **Y10S 528/901** (2013.01 - EP US); **Y10T 428/31612** (2015.04 - EP US); **Y10T 428/31663** (2015.04 - EP US); **Y10T 428/31678** (2015.04 - EP US)

C-Set (source: EP US)

1. **C08L 83/04** + **C08L 2666/44**
2. **C08L 83/04** + **C08L 83/00** + **C08L 2666/44**

Cited by

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Designated contracting state (EPC)

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EP 0000929 A1 19790307; **EP 0000929 B1 19810318**; AT 383608 B 19870727; AT A595678 A 19861215; AU 3869278 A 19800214; AU 521250 B2 19820325; BR 7805201 A 19790502; CA 1124429 A 19820525; DE 2737303 A1 19790301; DE 2737303 B2 19791018; DE 2737303 C3 19800717; DE 2860547 D1 19810416; IT 1106889 B 19851118; IT 7850743 A0 19780816; JP S5443261 A 19790405; JP S5525228 B2 19800704; NO 149697 B 19840227; NO 149697 C 19840606; NO 782794 L 19790220; SE 443989 B 19860317; SE 7808733 L 19790219; US 4191817 A 19800304

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