

Title (en)

METHOD OF INHIBITING GELLING OF SILOXANE FEEDSTOCKS AND A GEL INHIBITED FEEDSTOCK

Title (de)

VERFAHREN ZUR INHIBIERUNG VON SILOXANGELIERTEN EINSÄTZE UND GEL INHIBITERTER EINSATZ

Title (fr)

PROCEDE D'INHIBITION DE LA GELIFICATION DE CHARGES DE SILOXANE ET CHARGE INHIBEE PAR UN GEL

Publication

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Application

**EP 97910721 A 19970925**

Priority

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- US 2800896 P 19961008

Abstract (en)

[origin: WO9815499A1] A method of inhibiting the gelling of a silica forming siloxane feedstock and the gelling inhibited silica feedstock which includes an end capping compound. The method of inhibiting the gelling of a siloxane feedstock during the silica glass manufacturing process includes end capping the siloxane feedstock prior to converting the siloxane feedstock into silica.

IPC 1-7

**C03B 19/14; C03C 1/02; C01B 33/12**

IPC 8 full level

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CPC (source: EP)

**C03B 19/1415** (2013.01); **C03B 2207/32** (2013.01)

Citation (search report)

- [PA] WO 9722553 A1 19970626 - CORNING INC [US], et al
- [A] CHEMICAL ABSTRACTS, vol. 111, no. 4, 24 July 1989, Columbus, Ohio, US; abstract no. 27441, UNUMA HIDERO ET AL.: "Preparation of silica glass fibers tetraethylorthosilicate and hexamethyldisiloxane" XP002125070 & NIPPON SERAMIKKUSU KYOKAI GAKUJUTSU RONBUNSHI, vol. 97, no. 3, 1989, pages 208 - 212
- [PA] TAKAHISA IDA ET AL.: "A facile preparation of polysiloxane containing tributyltin group as efficient protection group", CHEMISTRY LETTERS., no. 12, 1996, CHEMICAL SOCIETY OF JAPAN. TOKYO., JP, pages 1047 - 1048, XP002125109, ISSN: 0366-7022
- See references of WO 9815499A1

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