

Title (en)  
CROSS-LINKABLE SILOXANE UREA COPOLYMERS

Title (de)  
VERNETZBARE SILOXAN-HARNSTOFF-COPOLYMERE

Title (fr)  
COPOLYMERES SILOXANE-UREE RETICULABLES

Publication  
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Application  
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Abstract (en)  
[origin: WO2006010486A1] The invention relates to cross-linkable organopolysiloxane polyurea copolymers of formula R'-[(A)<SUB>a</SUB>SUB>(B)<SUB>b</SUB>(C)<SUB>c</SUB>-R" (I), wherein (A) is a unit of formula (II) -[CO-NH-Z-NH-CO-ND-Y-Si(OR<SUP>1</SUP><SUB>o</SUB>SUB>R<SUB>2</SUB>-<SUB>o</SUB>-(O-SiR<SUB>2</SUB> <SUB>n</SUB>-O-Si(OR<SUP>1</SUP><SUB>o</SUB>SUB>R<SUB>2</SUB>-<SUB>o</SUB>-Y-ND]-, (B) is a unit of formula -[CO-NH-Z-NH-CO-NR<SUP>4</SUP>-G-NR<SUP>4</SUP>-] (III) and (C) is a unit of formula -[CO-NH-Z-NH-CO-E-X-E]- (IV), wherein the radicals and indices have the meaning cited in Claim 1. The invention also relates to a method for the production of cross-linkable copolymers and to the use thereof, cross-linkable compositions containing the cross-linkable copolymers, the production of cross-linkable compositions, the vulcanization thereof and use of the vulcanized products.

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