

Title (en)
USE OF PRECIPITATED SILICA CONTAINING ALUMINIUM AND 3-ACRYLOXY-PROPYLTRIETHOXSILANE IN AN ISOPRENIC ELASTOMER COMPOSITION

Title (de)
VERWENDUNG VON FÄLLUNGSKIESELSÄURE MIT ALUMINIUM UND 3-ACRYLOXY-PROPYLTRIETHOXSILAN IN EINER ISOPRENEN ELASTOMERZUSAMMENSETZUNG

Title (fr)
UTILISATION D'UNE SILICE PRECIPITEE CONTENANT DE L'ALUMINIUM ET DE 3-ACRYLOXY-PROPYLTRIETHOXSILANE DANS UNE COMPOSITION D'ELASTOMERE(S) ISOPRENIQUE(S)

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Application
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Priority

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Abstract (en)
[origin: WO2011121129A2] The invention relates to the joint use, in an elastomer composition comprising an isoprenic elastomer, of a precipitated silica containing aluminium, as a reinforcing inorganic filler, the aluminium content of said precipitated silica being higher than 0.5 wt. %, and 3-acryloxy-propyltriethoxysilane as an inorganic filler - elastomer coupling agent. The invention also relates to the elastomer compositions obtained and the items produced from said compositions.

IPC 8 full level
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B60C 1/00 (2013.01 - EP KR US); **C08K 3/36** (2013.01 - US); **C08K 9/06** (2013.01 - KR); **C08L 9/00** (2013.01 - KR); **C09C 1/3081** (2013.01 - EP US); **C09C 3/12** (2013.01 - KR); **C01P 2002/80** (2013.01 - EP US); **C01P 2004/61** (2013.01 - EP US); **C01P 2006/12** (2013.01 - EP US); **C01P 2006/22** (2013.01 - EP US); **C08L 21/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2011121129A2

Cited by
CN110139876A

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