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(54) Title: AMORPHOUS SILICA PARTICLES COMPRISING BORON

(57) Abstract: The invention pertains to an amorphous silica particle comprising 0.1 to 10⁵ ppm boron atoms, and optionally 0.05 to 15 wt.% aluminum atoms wherein the boron and aluminum atoms are covalently bonded to the oxygen atoms of the silica network. The amorphous silica particles are used as a reinforcing filler for rubber articles, particularly for tires, more particularly for tire treads.



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