

Title (en)

PROCESS FOR PREPARATION OF RUBBER SILICA MASTERBATCHES BASED ON THE USE OF POLYMER LATICES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SILICON-GUMMI MASTERBATCHES DURCH VERWENDUNG VON POLYMERLATICES

Title (fr)

PROCEDE DE PREPARATION DE MELANGES MAITRES DE SILICE-CAOUTCHOUC A BASE DE LATEX DE POYMERES

Publication

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Application

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Abstract (en)

[origin: WO0110946A2] The present invention relates to a filled polymer masterbatch based on polymers derived from latices, and to a process for preparing it. In one of its embodiments, the present invention relates to the hydrophobicizing of particles, particularly mineral particles that are hydrophilic and have surface hydroxyl groups, for example, silica, silicates, clay, alumina, titanium dioxide and the like. The invention also extends, however, to treatment of non-mineral particles, for instance carbon black. In another of its embodiments, the present invention also relates to a filled, particularly silica-filled, polymer latex. In yet another embodiment, the invention relates to a silica-rubber masterbatch, and to a process for preparing it.

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**C08K 5/00**

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