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(54) Title: NANO-SIZED HYDROGENATED DIENE-BASED LATEX PARTICLES

(57) Abstract: The present invention relates to diene-based hydrogenated polymer latex particles having a particle size measured as d_{90} value of less than 60 nm and a method for their production and their use. The nanosized hydrogenated diene-based polymers obtained show improved properties, especially with respect to resistance to degradation by heat, oxygen and ozone.



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