

Title (en)
ANIONICALLY STABILISED, AQUEOUS DISPERSIONS OF NANOPARTICULATE ZINC OXIDE, METHOD FOR THE PRODUCTION AND USE THEREOF

Title (de)
ANIONISCH STABILISIERTE, WÄSSRIGE DISPERSIONEN VON NANOPARTIKULÄREM ZINKOXID, VERFAHREN ZU DEREN HERSTELLUNG SOWIE DEREN VERWENDUNG

Title (fr)
DISPERSIONS AQUEUSES, A STABILITE ANIONIQUE, D'OXYDE DE ZINC NANOPARTICULAIRE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION

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Application
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Abstract (en)
[origin: US2002149002A1] The invention relates to anionically stabilized aqueous dispersions of nanoparticle zinc oxide having a mean primary particle diameter of ≤ 30 nm and a mean agglomerate size of ≤ 100 nm, wherein the surface of the zinc oxide particles at pH values of ≥ 7 has a negative charge and the content of nanoparticle zinc oxide in the dispersion is 0.01 to 30 wt. %, a process for their production, as well as their use as vulcanization activators for the vulcanization of latex molded articles.

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C09C 1/04; **C01G 9/02**; **C08K 3/22**

IPC 8 full level
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