

Title (en)
AQUEOUS ALKYLKETENE DIMER DISPERSIONS

Title (de)
WÄSSRIGE ALKYLKETENDIMER-DISPERSIONEN

Title (fr)
DISPERSIONS AQUEUSES DE DIMÈRE ALKYLE CÉTÈNE

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Application
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Abstract (en)
[origin: WO2007141197A1] Aqueous alkylketene dimer dispersions which contain at least 15% by weight of an alkylketene dimer and at least one water-soluble cationic starch, aluminum sulfate and at least one condensation product formed from naphthalenesulfonic acid and formaldehyde or lignosulfonic acid or in each case salts thereof, wherein the dispersions, each based on alkylketene dimer, contain from 2 to 50% by weight of aluminum sulfate, and in which the dispersions, with an aluminum sulfate content of from 2 to 15% by weight, additionally contain from 0.1 to 5% by weight of a saturated carboxylic acid having from 1 to 10 carbon atoms, of benzenesulfonic acid, of p-toluenesulfonic acid and/or of a mineral acid, and the use of the dispersions as bulk and surface sizes for paper and paper products.

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