

Title (en)
AQUEOUS COMPOSITIONS BASED ON POLYALKENAMERS

Title (de)
WÄSSRIGE ZUSAMMENSETZUNGEN AUF BASIS VON POLYALKENAMEREN

Title (fr)
COMPOSITIONS AQUEUSES À BASE DE POLYALCÈNAMÈRES

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Application
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Priority

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Abstract (en)
[origin: WO2017081233A1] The invention relates to aqueous compositions containing a) at least one polymer PALK in the form of dispersed polymer particles, wherein the polymer PALK can be obtained by the ring-opening metathesis polymerization of at least one cyclic olefin monomer and b) at least one polymer P2 in the form of dispersed polymer particles, wherein the polymer P2 does not have an olefenically unsaturated C-C bond and has repeating units which have at least one polar group. The aqueous compositions are suitable in particular for producing films and barrier coatings which have a very good barrier effect against gases such as air, oxygen, nitrogen, argon, and carbon dioxide, in particular against oxygen and oxygen-containing gases such as air. At the same time, the films and coatings have very good mechanical properties, in particular a high elongation at break while having a good tear strength.

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