

Title (en)

COEMULSIFICATION OF OXIDIZED POLYETHYLENE HOMOPOLYMERS AND AMINO FUNCTIONAL SILICONE FLUIDS.

Title (de)

COEMULGIERUNG VON OXIDIERTEN POLYÄTHEYLENHOMOPOLYMEREN UND AMINOFUNKTIONELLE SILOXANFLÜSSIGKEITEN.

Title (fr)

COEMULSIONNEMENT D'HOMOPOLYMERES DE POLYETHYLENE OXYDE ET DE FLUIDES DE SILICONE AMINO-FONCTIONNELLE.

Publication

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Application

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Priority

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Abstract (en)

[origin: USRE35229E] Article comprising coemulsions of oxidized polyethylene with amino functional silicone fluids which includes at least one constituent selected from the group consisting of: ethoxylated aliphatic amines, ethoxylated nonylphenols, ethoxylated primary alcohols, ethoxylated secondary alcohols or other nonionic emulsifiers are taught, as well as processes for making the same. The coemulsions may also comprise further constituents, including but not limited to fatty acids, ammonium hydroxide, salts and water. Processes for the production of the coemulsion and articles comprising the same are also disclosed.

Abstract (fr)

Articles comprenant des coémulsions de polyéthylène oxydé avec des fluides de silicone amino-fonctionnelle comportant au moins un constituant sélectionné dans le groupe constitué de: amines aliphatiques éthoxylés, nonylphénols éthoxylés, alcools primaires éthoxylés, alcools secondaires éthoxylés et autres émulsifiants non ioniques, et leurs procédés de fabrication. Les coémulsions peuvent également comprendre d'autres constituants comprenant de manière non exhaustive des acides gras, de l'hydroxyde d'ammonium, des sels et de l'eau. L'invention concerne également des procédés de production de la coémulsion ainsi que des articles la comprenant.

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