

Title (en)  
COPOLYMER BINDER

Title (de)  
COPOLYMERBINDER

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LIANT COPOLYMÉRIQUE

Publication  
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Application  
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Abstract (en)  
[origin: WO2017181294A1] The present invention relates to a copolymer comprising a monomer A with a molar ratio a varying between around 0.01 and around 0.20, a monomer B with a molar ratio b varying between around 0.2 and around 0.4, and a monomer C with a molar ratio c varying between around 0.50 and around 0.70, the monomer A being a hydrophilic monomer comprising a pendant chain of poly(ethylene oxide) (POE) with low molar weight, the monomer B being a hydrophobic monomer with a glass transition temperature (Tg) of around -30°C or less, the monomer C being a monomer that is more hydrophobic than the monomer B and having a glass transition temperature (Tg) of around 80°C or more, said monomers being organised in a hydrophilic segment, a hydrophobic segment and an intermediate segment located between the hydrophilic segment and the hydrophobic segment.

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