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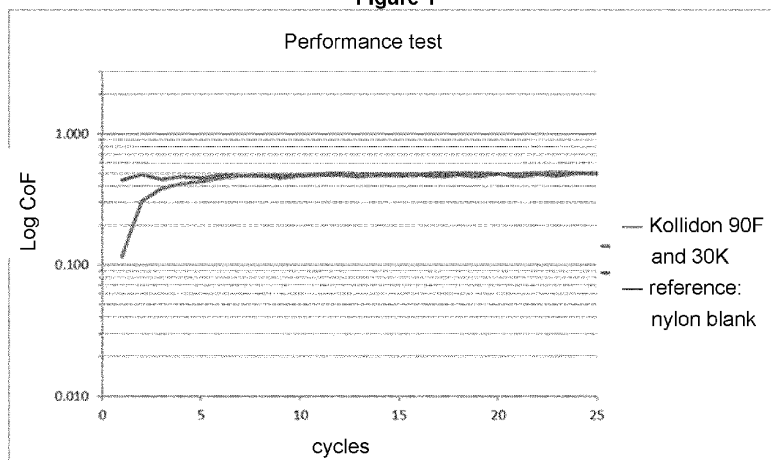
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(54) Title: COPOLYMERS OF N-VINYLPYRROLIDONE WITH FUNCTIONALIZED MALEIC ACID MOIETIES

Figure 1



(57) Abstract: The present invention relates to vinylpyrrolidone copolymers of N-vinylpyrrolidone with maleic acid comonomers, wherein the vinylpyrrolidone copolymer are functionalized with a benzophenone substituent (BP), wherein the amount of maleic acid in the vinylpyrrolidone copolymer is less than 1 mol%, preferably 0.1 - 0.95 mol%, further preferably 0.1 - 0.90 mol%, more preferably 0.1 - 0.85 mol%, more preferably 0.2 - 0.88 mol%, more preferably 0.3 - 0.88 mol%, more preferably 0.4 - 0.88 mol%, even more preferably 0.5 - 0.85 mol%, most preferably 0.5 - 0.875 mol%. The vinylpyrrolidone copolymers of the present invention are particularly suitable for use in coatings for medical devices and/or medical aids. The present invention therefore also relates to compositions comprising vinylpyrrolidone copolymers and optionally a crosslinker, as well as medical devices having a coating with crosslinked vinylpyrrolidone copolymers and optionally with a crosslinker.

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