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(54) **LOW MOLECULAR WEIGHT  
PHOSPHORUS-CONTAINING POLYACRYLIC  
ACIDS AND USE THEREOF AS DISPERSANTS**

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(58) **Field of Classification Search**  
None  
See application file for complete search history.

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(57) **ABSTRACT**

An aqueous solution of an acrylic acid polymer which contains bound phosphonite groups is provided. The acrylic acid polymer is prepared by a feed operation polymerization which results in the formation of phosphinite groups bound within the acrylic acid polymer chain. The dried acrylic acid polymer is also provided. Dispersions of inorganic pigments prepared in the presence of the acrylic acid polymer or the aqueous solution of the acrylic acid polymer are also provided.

**10 Claims, No Drawings**