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(54) **Title:** METHOD OF PREPARING A GYPSUM-BASED PRODUCT

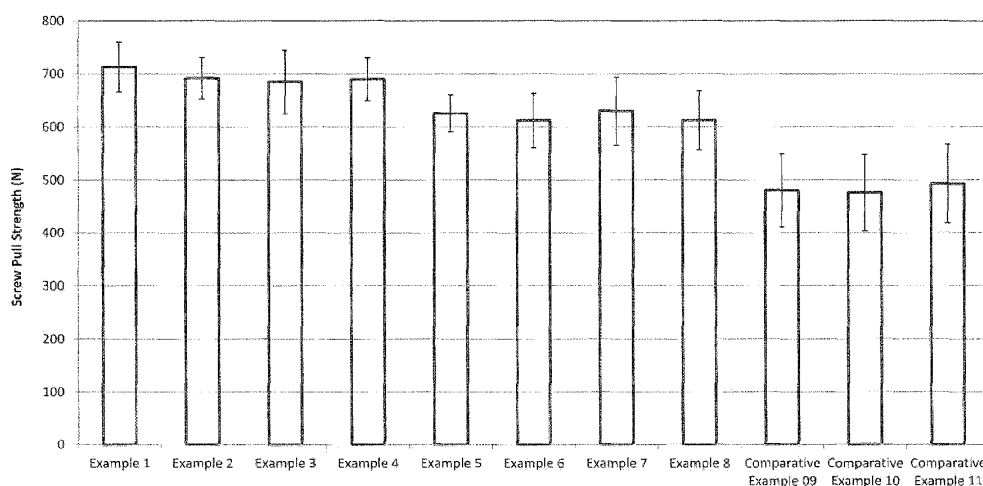


Fig. 2

(57) **Abstract:** A method of preparing a gypsum-based product comprises the steps of mixing calcined gypsum with polymer particles and water to provide a slurry. The polymer particles comprise principally polyvinyl acetate, and have a particle size distribution, measured using laser diffractometry, such that particles having a diameter of 4.5 μm or less provide at least 90% of the total particle volume.

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