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(71) Applicant: **AMGEN INC.** [US/US]; One Amgen Center Drive, Thousand Oaks, California 91320-1799 (US).

(72) Inventors: **SLOEY, Christopher James**; 474 Calle Veracruz, Newbury Park, California 91320 (US). **KANAPURAM, Sekhar**; 5676 Via Bonita, Thousand Oaks, California 91320 (US).

(74) Agent: **SHAW, Melissa A.**; Amgen Inc., 1120 Veterans Blvd., South San Francisco, California 94080 (US).

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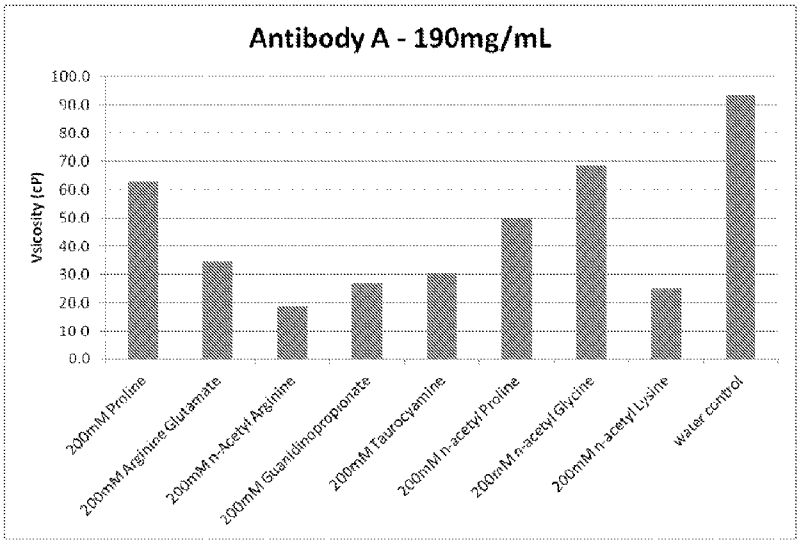
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(54) Title: REDUCING VISCOSITY OF PHARMACEUTICAL FORMULATIONS

Figure 1



(57) Abstract: A method for reducing the viscosity of a pharmaceutical formulation is provided that utilizes a viscosity-reducing concentration of an excipientselected from the group consisting of the n-acetyl arginine, n-acetyl lysine, n-acetyl proline and mixtures thereof in combination with a therapeutiv protein. A stable pharmaceutical formulation is also provided.

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