

[54] SLOW RELEASE FORMULATION

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[52] U.S. Cl. 424/470; 514/965;
424/468; 424/469; 424/472; 424/473

[58] Field of Search 424/468, 469, 470, 472,
424/473; 514/965

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[57]

ABSTRACT

A slow release formulation to be administered to humans or animals, comprising primary granules which contain an active ingredient and are in a secondary matrix of a water soluble/dispersible slow release material, the granules themselves comprising particles containing the active ingredients and in a primary matrix of a water soluble/dispersible slow release material.

Optionally the formulation comprises a binder phase of a water insoluble slow release material having embedded therein secondary granules comprising the secondary matrix containing the primary matrix granules.

The water soluble/dispersible material may be a polysaccharide and acacia and low viscosity methylcellulose are exemplified, as well as alginate and gelatine.

20 Claims, 4 Drawing Sheets

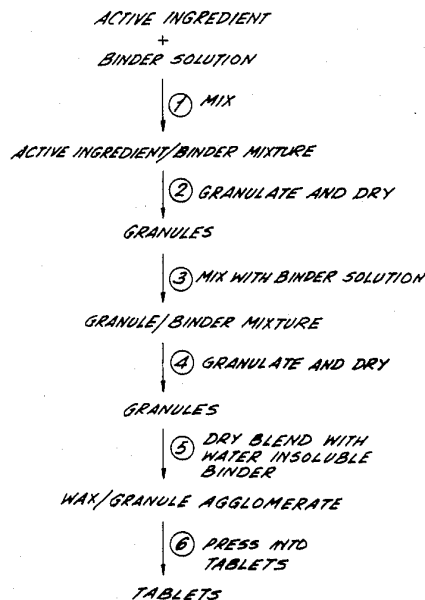


Exhibit 1037

FIG. 1.

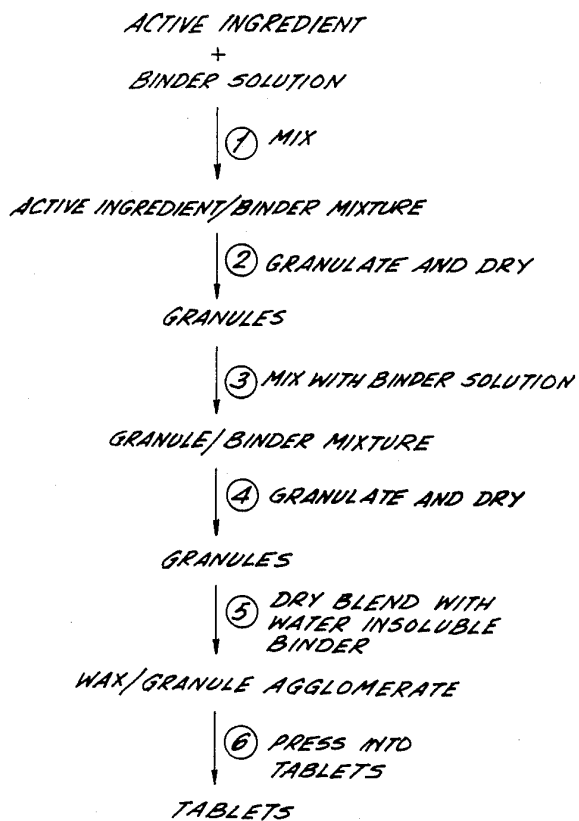


FIG. 2.

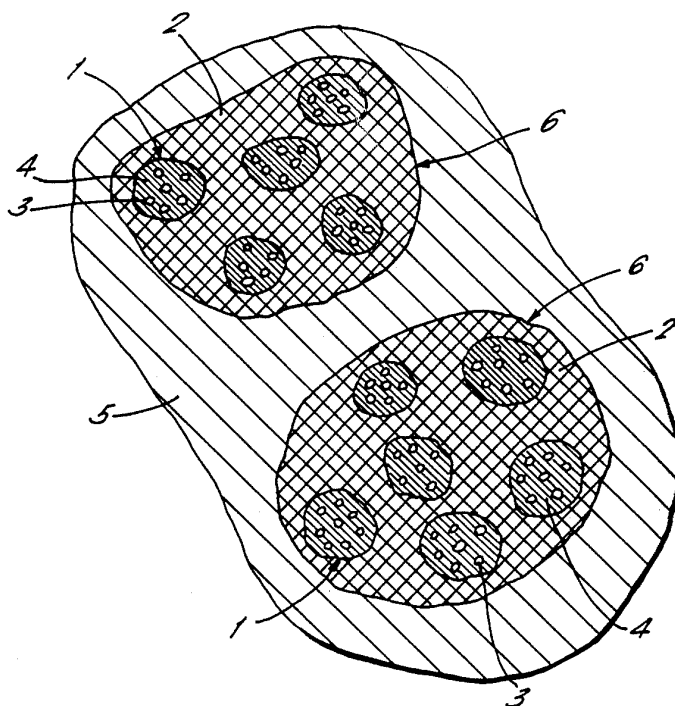


FIG. 3.

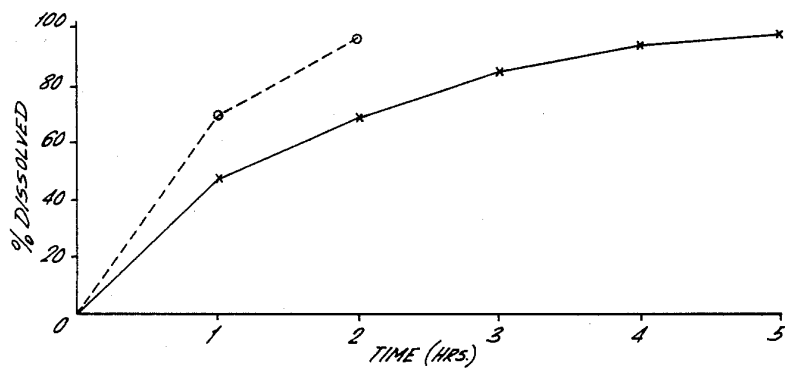


FIG. 4.

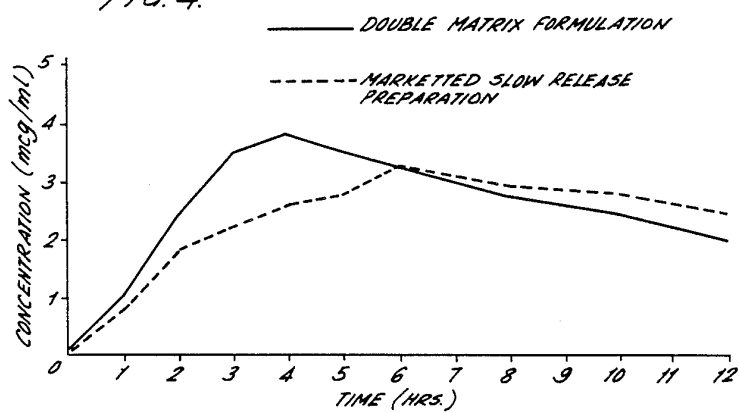


FIG. 5.

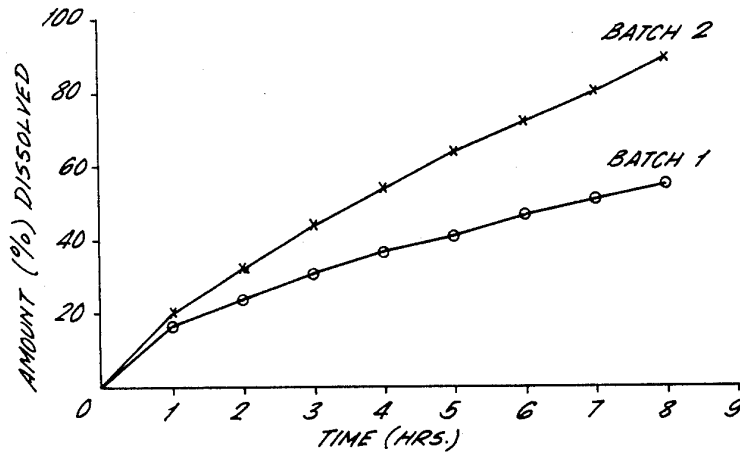
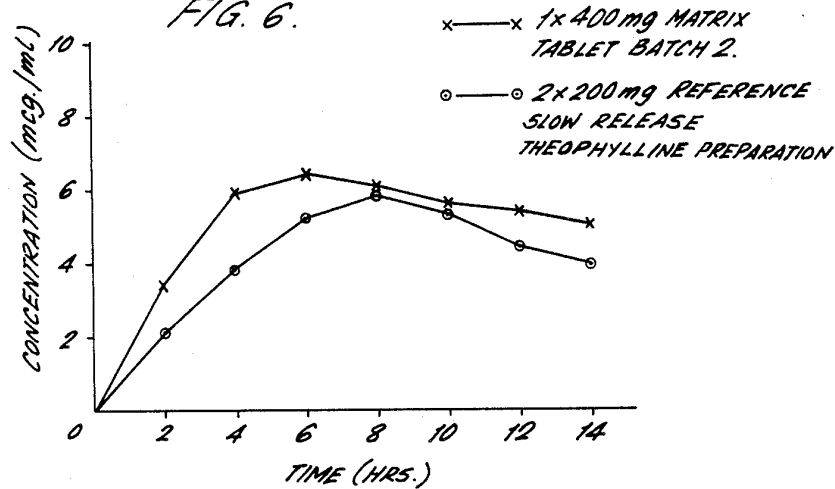


FIG. 6.



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