ABSTRACT

DRUG CARRIER, DRUG STRUCTURE, PURPOSE OF SAME, METHOD OF MAKING SAME, AND METHOD OF USING SAME TO INHIBIT *H. PYLORI*

[0120] A drug carrier, a drug structure, a purpose of the same, a method of making the same, and a method of using the same to inhibit *H. pylori* are revealed. The drug carrier includes a negatively charged polymer, chitosan and magnetic particles. The purpose of the drug carrier is to make a drug for inhibiting *H. pylori*. The drug structure includes a negatively charged polymer, chitosan, magnetic particles and an active ingredient. The method of making the drug structure includes mixing the negatively charged polymer solution, the chitosan solution, the magnetic particles and the active ingredient solution to form an initial solution and allowing ingredients in the initial solution to react and thereby form drug structure particles. The method of using the drug structure to inhibit *H. pylori* includes administering the drug structure to an *H. pylori* colony. The drug carrier and drug structure demonstrate enhanced therapeutic efficacy.

[Figure 10]