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# (54) Title: DRUG RELEASE FROM POLYMER MATRICES THROUGH MECHANICAL STIMULATION

(57) Abstract: A method for drug delivery and polymer matrix suited to the method are disclosed. The polymer matrix has reversibly bound thereto a drug or combination of drugs, and is capable of releasing the drug or combination of drugs in response to mechanical stimulation of the polymer matrix. According to the method of this invention, such a polymer matrix is delivered to an in vivo locus, for example the site of a wound, trauma, etc., and mechanical stimulation of said polymer matrix is effected in vivo, thereby releasing the drug or combination of drugs in the area of the in vivo locus.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/51603

A. CLASSIFICATION OF SUBJECT MATTER   PC(T)		101/000//01000	
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