

INJECTABLE DRUG DELIVERY SYSTEMS WITH CYCLODEXTRIN-POLYMER BASED HYDROGELS

5 Abstract of the Disclosure

 A cyclodextrin polymer-based injectable composition comprising cyclodextrin,
a polymer which is capable of forming a hydrogel with the cyclodextrin, and a
pharmacologically effective amount of at least one drug. The polymer is selected
from poly(ethylene glycol), derivatives thereof, or a copolymer with a poly(ethylene
10 glycol) segment. The copolymer with a poly(ethylene glycol) segment may include
a polymer selected from the group consisting of polyesters, polyurethanes,
polyamides, polyethers, polysaccharides, poly(amino acid)s, polypeptides, and
proteins. The composition may be injected subcutaneously, intramuscularly,
intradermally, or intracranially.

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