

Title (en)
THERAPEUTIC POLYMERS AND METHODS OF USE

Title (de)
THERAPEUTISCHE POLYMERE UND ANWENDUNGSVERFAHREN

Title (fr)
POLYMERES THERAPEUTIQUES ET LEURS PROCEDES D'UTILISATION

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Abstract (en)
[origin: WO2006132950A2] The present invention provides biodegradable therapeutic polymer compositions based on poly(ester amide) (PEA), poly(ester urethane) (PEUR), and poly(ester urea) (PEU) polymers useful for in vivo delivery of at least one therapeutic diol or di-acid incorporated into the backbone of the biodegradable polymer. The therapeutic polymer compositions biodegrade in vivo by enzymatic action to release therapeutic diols or di-acids from the polymer backbone in a controlled manner over time. The invention compositions are stable, can be lyophilized for transportation and storage, and can be redispersed for administration. Due to structural properties of the PEA and PEUR polymers used, the invention therapeutic polymer compositions provide for high loading of the therapeutic diol or di-acid, as well as optional bioactive agents.

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- See references of WO 2006132950A2

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