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(54) Title: MAGNETIC TARGETED CARRIER COMPOSED OF IRON AND POROUS MATERIALS FOR THE TARGETED DELIVERY OF BIOLOGICALLY ACTIVE AGENTS

(57) Abstract: The invention relates to magnetically responsive compositions comprising iron-ceramic particles used to carry substances for *in vivo* medical diagnosis and/or treatment. The particles are formed by joint deformation of iron and ceramic powders. Diagnostic or therapeutic substances may be adsorbed thereon. The particles may be produced by mechanical milling of a mixture of iron and ceramic powders.