

NANOPARTICLES OF TRANSITION METALS

ABSTRACT OF THE DISCLOSURE

A method (150) of forming nanoparticles includes steps of forming a metal precursor solution (S1501) from a transition metal, injecting the metal precursor solution to the surfactant solution, adding a flocculent (S1504) to cause nanoparticles to precipitate out of solution without permanent agglomeration, and adding a hydrocarbon solvent (S1506) to redisperse or reprecipitate the nanoparticles.

FIG. 15



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