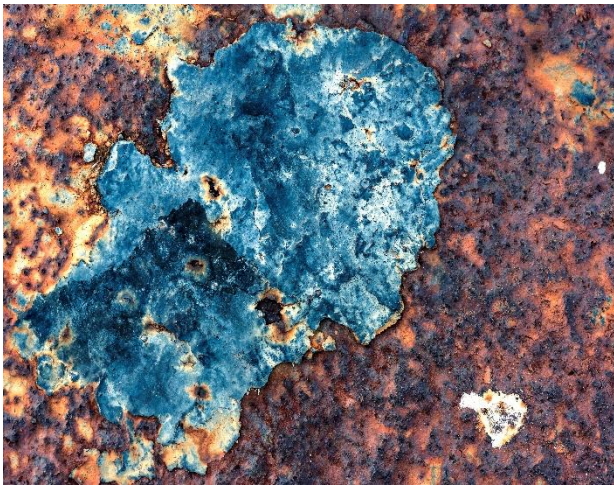


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STABLE IRON OXIDE MAGNETIC NANOPARTICLE (NANOMAG) SLURRY AND A METHOD OF PRODUCING THE SAME



▶ MORE INFORMATION

MEGA-TREND

- Chemicals and Materials

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 8 (Production System - simulation environment/ Regulatory approval)

PATENT/ GRANTED NUMBER

- PI 2015002567

▶ TECHNOLOGY OVERVIEW

Disclosed herein is an iron oxide nanoparticle comprising 950% magnetite(Fe_3O_4) and having a particle diameter size of from 7 to 27 nm when measured using transmission electron microscopy and a magnetisation strength(MS) from 60 to 80 emu/g also disclosed herein are coated iron oxide nanoparticles, methods to make said iron oxide nanoparticles and articles containing the same.

CONTACT US!

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