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Intellectual Property
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Patent Counseling and Prosecution – Life Sciences
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Nadeen prosecutes patents related to the fields of pharmaceuticals, chemicals, biotechnology and medical devices with the US Patent and Trademark Office and worldwide patent offices. She also has significant experience in projects such as opinions on freedom to operate, infringement, validity, patentability, acquisitions and mergers.

Before working in the patent field, Nadeen completed her PhD and postdoctoral studies at Jacobs University in Germany. She researched and wrote articles in the field of synthetic inorganic and organometallic chemistry. Her research focused on preparing and structurally characterizing novel large metal-oxygen clusters called polyoxometalates and on studying specific catalytic properties of the novel polyoxometalates.

Nadeen also is an inventor. She has a US patent entitled, “Ruthenium-containing polyoxotungstates, their preparation and use as catalysts in the oxidation of organic substrates,” (US Patent No.: 7,858,814). Nadeen also has published several scientific articles.

Selected publications

- Co-author, “Organoruthenium-containing Heteropoly-23-Tungstate Family $[\{Ru(L)\}_2(\alpha\text{-}XW_{11}O_{39})_2WO_2]^{m-}$ (L = benzene, p-cymene; X = Ge^{IV}, Si^{IV}, m = 10; B^{III}, m = 12),” European Journal of Inorganic Chemistry, 2013
- Co-author, “Polyoxometalates as Homogeneous Oxidation Catalysts,” in Innovative Catalysis in Organic Synthesis: Oxidation, Hydrogenation, and C-X Bond Forming Reactions, 2012
- Co-author, “Reactive Zr^{IV} and Hf^{IV} Butterfly Peroxides on Polyoxometalate Surfaces: Bridging the gap between Homogeneous and Heterogenous Catalysis,” Chemistry – A European Journal, 2011
- “Synthesis and Structure of Transition Metal Containing Heteropolytungstates and Some Homogeneous Catalysis Studies”, Ph.D. thesis of Nadeen Nsouli, 2009
- Co-author, “Dimeric Nickel(II) containing Tungstogermanate $[\{\beta\text{-}GeNi_2W_{10}O_{36}(OH)_2(H_2O)\}_2]^{12-}$,” European Journal of Inorganic Chemistry, 2009
- Co-author, “Copper-, Cobalt- and Manganese-Containing 17-Tungsto-2-Germanates,” Inorganic Chemistry, 2009
- Co-author, “The 20-Tungsto-4-Tellurate(IV) $[H_2Te_4W_{20}O_{80}]^{22-}$ and the 15-Tungstotellurate(IV) $[NaTeW_{15}O_{54}]^{13-}$,” Journal of Cluster Science, 2009

- Co-author, “DFT Study of the Products, Potential Energy Surface, and Substituent Effects for Methyl Radical Addition to [Rh(PMe3)2(CO)X] (X = Halogen or CN),” Organometallics, 2008
- Co-author, “Two Iron-Containing Tungstogermanates: $[K(H_2O)(\beta\text{-}Fe_2GeW_{10}O_{37}(OH))(\gamma\text{-}GeW_{10}O_{36})]^{12-}$ and $[\{\beta\text{-}Fe_2GeW_{10}O_{37}(OH)_2\}_2]^{12-}$,” Inorganic Chemistry, 2007
- Co-author, “Dilacunary Decatungstates Functionalized by Organometallic Ruthenium(II), $[\{Ru(C_6H_6)(H_2O)\}\{Ru(C_6H_6)\}(\gamma\text{-}XW_{10}O_{36})]^{4-}$(X = Si, Ge),”Inorganic Chemistry, 2006
- Co-author, “Synthesis and Structure of Dilacunary Decatungstogermanate, $[\gamma\text{-}GeW10O36]^{8}$,” Inorganic Chemistry, 2006

Selected grants

- Karl Ziegler Foundation and the German Chemical Society (GDCh) fellowship, 2008
- Jacobs University fellowship for the PhD program, 2007 – 2008
- European Union COST Action D40, “Innovative Catalysis: New Processes and Selectivities,” short-term scientific mission, 2007

Education

Admissions & Credentials

US Patent and Trademark Office (USPTO)