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(54) Title: METAL CARBONYL COMPLEXES WITH PHOSPHORUS-BASED LIGANDS FOR CVD AND ALD APPLICATIONS

(57) Abstract: The disclosed and claimed subject matter relates to metal (e.g., Cr, Mo and W) carbonyl complexes with phospho-
rus-based ligands having improved (i.e., higher) thermal stability and low melting points, compositions containing the compounds and
methods of using the compounds as precursors for deposition of metal-containing films.



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