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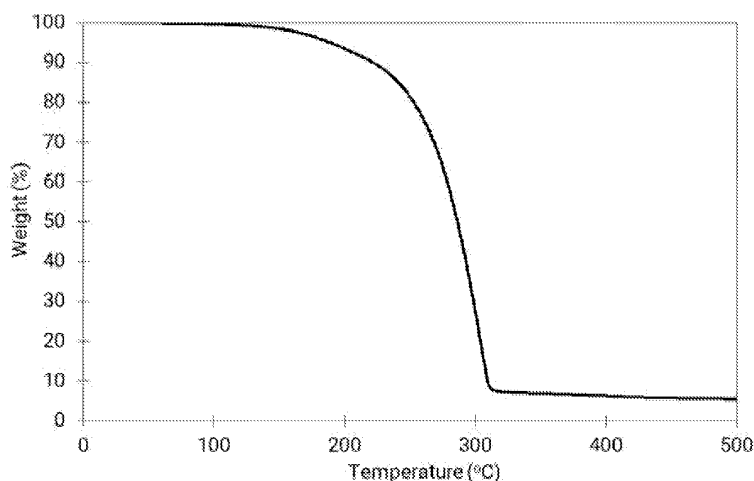
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(54) Title: PREPARATION OF LANTHANIDE-CONTAINING PRECURSORS AND DEPOSITION OF LANTHANIDE-CONTAINING FILMS

FIGURE 1



(57) Abstract: The disclosed lanthanide precursor compounds include a cyclopentadienyl ligand having at least one aliphatic group as a substituent and at least one bidentate ligand. These precursors are suitable for depositing lanthanide containing films.

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