

Title (en)
RARE EARTH OR GALLIUM ADDITIVE COMPOSITION, METHODS FOR PREPARING SAME AND USE THEREOF AS CATALYST

Title (de)
ADDITIONSVERBINDUNGEN VON SELTENERDMETALLEN ODER GALLIUM, VERFAHREN ZUR DEREN HERSTELLUNG UND ANWENDUNG ALS KATALYSATOR

Title (fr)
COMPOSES D'ADDITION DE TERRE RARE OU DE GALLIUM, PROCEDES POUR LEUR PREPARATION ET LEUR UTILISATION COMME CATALYSEUR

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Abstract (en)
[origin: WO0228776A1] The additive compound of a carboxylic acid and a halide or of a rare earth or gallium halogenocarboxylate of the same acid is obtained by a method which consists in reacting with HX, X representing a halogen, and in a solvent selected among alkanes, cyclanes and aromatic solvents and their mixtures, a rare earth or gallium carboxylate, the reaction being carried out with an X/rare earth or gallium atomic ratio less than 3 when preparing a halogenocarboxylate. The second method of the invention concerns the preparation of an additive anhydrous compound of a rare earth or gallium halide and a nitrogen- or oxygen-donor compound which consists in preparing an additive compound of a carboxylic acid and a rare earth halide of the above type and in adding to the medium obtained a nitrogen- or oxygen-donor.

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