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(54) Title: HOMOGENOUS PROCESS FOR THE HYDROGENATION OF CARBOXYLIC ACIDS AND DERIVATIVES THEREOF

(57) Abstract: A homogenous process for the hydrogenation of the carboxylic acids and/or derivatives thereof in the presence of a catalyst comprising ruthenium, rhodium, iron, osmium or palladium, and an organic phosphine is described in which the hydrogenation is carried out in the presence of at least about 1% by weight water. A process for regenerating a catalyst comprising ruthenium, rhodium, iron, osmium or palladium and an organic phosphine is also described in which the regeneration is carried out in the presence of hydrogen and water.



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