

Title (en)

METHOD OF REDUCING A FUNCTIONAL GROUP IN AN OXIDISED FORM

Title (de)

VERFAHREN ZUR VERRINGERUNG EINER FUNKTIONELLEN GRUPPE IN EINER OXIDIERTEN FORM

Title (fr)

PROCEDE DE REDUCTION D'UN GROUPE FONCTIONNEL SOUS FORME OXYDEE

Publication

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Application

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Abstract (en)

[origin: WO2005110948A1] A novel method of reducing a functional group in an oxidised form. The invention relates more particularly to the reduction of aldehyde, ketone, ester, lactone, nitrile or phosphine oxide groups. The reduction method according to the invention is characterised in that it comprises exposing the substrate including the functional group to be reduced to the presence of a siloxane-type compound of the following formula (I), combined with a Lewis acid-type catalyst. In said formula (I): - R1 and R2, which are the same or different, are an alkyl, cycloalkyle or aryl group, - X is a digit from 0 to 50.

IPC 8 full level

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