

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

**EP 1753707 A1 20070221 (FR)**

Application

**EP 05759985 A 20050420**

Priority

- FR 2005000975 W 20050420
- FR 0404326 A 20040423

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

**C07B 35/02** (2006.01); **C07C 209/36** (2006.01); **C07F 7/08** (2006.01); **C07F 9/50** (2006.01); **C07C 211/27** (2006.01)

CPC (source: EP US)

**C07C 209/36** (2013.01 - EP US); **C07F 9/509** (2013.01 - EP US)

Citation (search report)

See references of WO 2005110948A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005110948 A1 20051124**; CA 2563928 A1 20051124; CN 1968914 A 20070523; EP 1753707 A1 20070221; FR 2869313 A1 20051028; FR 2869313 B1 20080905; JP 2007533711 A 20071122; US 2008214857 A1 20080904

DOCDB simple family (application)

**FR 2005000975 W 20050420**; CA 2563928 A 20050420; CN 200580018390 A 20050420; EP 05759985 A 20050420; FR 0404326 A 20040423; JP 2007508937 A 20050420; US 58739705 A 20050420