

Title (en)

METHOD FOR THE SELECTIVE HYDROLYSIS OF ACETALS OR KETALS IN THE PRESENCE OF PHTHALIDES

Title (de)

VERFAHREN ZUR SELEKTIVEN HYDROLYSE VON ACETALEN BZW. KETALEN IN GEGENWART VON PHTHALIDEN

Title (fr)

PROCEDE D'HYDROLYSE SELECTIVE D'ACETALS OU DE CETALS EN PRESENCE DE PHTALIDES

Publication

EP 1071644 A1 20010131 (DE)

Application

EP 99913162 A 19990213

Priority

- DE 19808296 A 19980227
- EP 9900954 W 19990213

Abstract (en)

[origin: DE19808296A1] The invention relates to a method for the selective hydrolysis of acetals in the presence of phthalides. According to said method a mixture (M) containing a) a phthalide of the formula (I) and b) an acetal or ketal of the formula (II) is reacted in the presence of between 1 and 10 mol water relative to the quantity of acetals or ketals of formula (II) at temperatures of between 10 and 200 DEG C, whereby the acetal or ketal of formula (II) is hydrolysed to the corresponding aldehyde or ketone. The substituents R<1>-R<8> have the meanings given in the description.

IPC 1-7

C07C 45/42; C07D 307/88; C25B 3/04

IPC 8 full level

C07C 45/42 (2006.01); **C07C 45/51** (2006.01); **C07C 45/59** (2006.01); **C07C 47/542** (2006.01); **C07D 307/88** (2006.01); **C25B 3/04** (2006.01);
C25B 3/25 (2021.01)

CPC (source: EP US)

C07C 45/515 (2013.01 - EP US); **C07C 45/59** (2013.01 - EP US); **C07D 307/88** (2013.01 - EP US)

Citation (search report)

See references of WO 9943640A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

DE 19808296 A1 19990902; CA 2321847 A1 19990902; CN 1165505 C 20040908; CN 1291969 A 20010418; EP 1071644 A1 20010131;
JP 2002504533 A 20020212; US 6245945 B1 20010612; WO 9943640 A1 19990902

DOCDB simple family (application)

DE 19808296 A 19980227; CA 2321847 A 19990213; CN 99803329 A 19990213; EP 9900954 W 19990213; EP 99913162 A 19990213;
JP 2000533399 A 19990213; US 62305900 A 20000825