

Title (en)

METHOD FOR PREPARING CARBOXYLIC ACIDS AND/OR ESTERS THEREOF BY ISOMERISING ESTERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON CARBONSÄUREN UND/ODER IHREN ESTERN DURCH ISOMERISIERUNG DER ESTER

Title (fr)

PROCEDE DE PREPARATION D'ACIDES CARBOXYLIQUES ET/OU DES ESTERS CORRESPONDANTS PAR ISOMERISATION D'ESTERS

Publication

EP 0889870 A1 19990113 (FR)

Application

EP 97915535 A 19970321

Priority

- FR 9700503 W 19970321
- FR 9603782 A 19960327

Abstract (en)

[origin: WO9735826A1] A method for preparing carboxylic acids and/or esters thereof including n carbon atoms by carrying out an isomerisation reaction to isomerise a formic acid ester and an alcohol having n-1 carbon atoms, where n is at least 3. The method is carried out in the presence of at least one formic acid ester, water, a solvent and a catalytic system including at least one halogenated promoter and at least one iridium compound. According to the method, a partial carbon monoxide pressure of 0.1.10<5> Pa to 25.10<5> Pa is maintained during the reaction, and the amount of formic acid ester is maintained at less than 20 wt % based on the weight of the reaction mixture.

IPC 1-7

C07C 51/353; **C07C 67/293**

IPC 8 full level

C07C 51/353 (2006.01); **C07C 53/122** (2006.01); **C07C 67/293** (2006.01)

CPC (source: EP)

C07C 51/353 (2013.01); **C07C 53/122** (2013.01)

Citation (search report)

See references of WO 9735826A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9735826 A1 19971002; EP 0889870 A1 19990113; FR 2746793 A1 19971003; FR 2746793 B1 19980703; JP 2000507259 A 20000613

DOCDB simple family (application)

FR 9700503 W 19970321; EP 97915535 A 19970321; FR 9603782 A 19960327; JP 53407597 A 19970321