

Title (en)

VAPOR PHASE CARBONYLATION PROCESS USING GOLD CATALYSTS

Title (de)

DAMPFFHASENCARBONYLIERUNGSVERFAHREN UNTER VERWENDUNG VON GOLD KATALYSATOREN

Title (fr)

PROCEDE DE CARBONYLATION EN PHASE VAPEUR UTILISANT DES CATALYSEURS AURIFERES

Publication

**EP 1414776 A1 20040506 (EN)**

Application

**EP 01957441 A 20010803**

Priority

US 0124483 W 20010803

Abstract (en)

[origin: WO03014054A1] Disclosed herein is a vapor phase carbonylation process useful for producing carboxylic acids, esters and mixtures thereof from lower aliphatic alcohols, ethers, ester, and ester-alcohol mixtures. The vapor phase carbonylation process is characterized in that it utilizes a solid supported catalyst having an effective amount of gold associated with a solid support material.

IPC 1-7

**C07C 51/12**; **C07C 67/37**; **C07C 53/08**; **C07C 69/14**

IPC 8 full level

**B01J 23/52** (2006.01); **C07C 51/12** (2006.01); **C07C 67/36** (2006.01); **B01J 21/18** (2006.01)

CPC (source: EP)

**B01J 23/52** (2013.01); **C07C 51/12** (2013.01); **C07C 67/36** (2013.01); **B01J 21/18** (2013.01); **C07C 2523/52** (2013.01)

Citation (search report)

See references of WO 03014054A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 03014054 A1 20030220**; CN 1555353 A 20041215; CN 1556783 A 20041222; EP 1414776 A1 20040506

DOCDB simple family (application)

**US 0124483 W 20010803**; CN 01823677 A 20010803; CN 01823679 A 20010803; EP 01957441 A 20010803