

Title (en)

PROCESS FOR ENHANCED ACETONE REMOVAL FROM CARBONYLATION PROCESSES

Title (de)

VERFAHREN ZUR VERBESSERTEN ENTFERNUNG VON ACETON AUS EINEM CARBONYLIERUNGSPROZESS

Title (fr)

PROCEDE D'ELIMINATION AMELIOREE D'ACETONE ISSUE DE PROCESSUS DE CARBONYLATION

Publication

EP 1240128 A1 20020918 (EN)

Application

EP 00977156 A 20001113

Priority

- US 0030989 W 20001113
- US 46991199 A 19991222

Abstract (en)

[origin: WO0146109A1] A process for removing acetone from a methyl acetate, methyl iodide and acetone mixture includes the step of removing a side stream from the distillation zone rich in acetone. In a preferred embodiment the methyl acetate, methyl iodide and acetone mixture is contacted with water before or concurrently with fractional distillation. The process is particularly applicable to removing acetone by-product in a carbonylation process for the production of acetic anhydride.

IPC 1-7

C07C 45/83; C07C 45/82; C07C 45/80; C07C 49/08; C07C 67/54; C07C 51/44; C07C 17/386

IPC 8 full level

C07C 17/386 (2006.01); **C07C 17/38** (2006.01); **C07C 45/80** (2006.01); **C07C 45/82** (2006.01); **C07C 45/83** (2006.01); **C07C 51/12** (2006.01); **C07C 51/44** (2006.01); **C07C 51/54** (2006.01)

CPC (source: EP)

C07C 17/38 (2013.01); **C07C 45/80** (2013.01); **C07C 45/82** (2013.01); **C07C 45/83** (2013.01); **C07C 51/12** (2013.01); **C07C 51/44** (2013.01)

Citation (search report)

See references of WO 0146109A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI

DOCDB simple family (publication)

WO 0146109 A1 20010628; BR 0016571 A 20021001; CN 1411432 A 20030416; EP 1240128 A1 20020918; JP 2003518053 A 20030603

DOCDB simple family (application)

US 0030989 W 20001113; BR 0016571 A 20001113; CN 00817411 A 20001113; EP 00977156 A 20001113; JP 2001546623 A 20001113