Title (en)
PROCESS FOR PREPARING ALPHA-HYDROXYCARBOXYLIC ESTERS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ALPHA-HYDROXYCARBONSÄUREESTERN

Title (fr)
PROCÉDÉ DE FABRICATION D'ESTERS D'ACIDES ALPHA-HYDROXYCARBOXYLIQUES

Publication
EP 2018362 A1 20090128 (DE)

Application
EP 07727424 A 20070328

Priority
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- US 89378807 P 20070308

Abstract (en)
[origin: WO2007131829A1] The continuous process for preparing alpha-hydroxycarboxylic esters, in which the reactants reacted are alpha-hydroxycarboxamide with an alcohol in the presence of a catalyst to obtain a product mixture which comprises alpha-hydroxycarboxylic ester, ammonia, unconverted alpha-hydroxycarboxamide, and also alcohol and catalyst; wherein reactant streams comprising, as reactants, an alpha-hydroxycarboxamide, an alcohol and a catalyst are fed into a pressure reactor; the reactant streams are reacted with one another in the pressure reactor at a pressure in the range from 1 bar to 100 bar; and the product mixture is depleted in alcohol and ammonia, wherein ammonia is distilled off at a pressure which is constantly kept greater than 1 bar without the aid of additional stripping media. The continuous process is particularly advantageously employable on the industrial scale.

IPC 8 full level
C07C 67/20 (2006.01); **C07C 67/54** (2006.01); **C07C 69/675** (2006.01)

CPC (source: EP KR US)
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Citation (search report)
See references of WO 2007131829A1

Cited by
DE102016210285A1; US10227284B2; DE102014205304A1; WO2015140057A1

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AL BA HR MK RS

DOCDB simple family (publication)
WO 2007131829 A1 20071122; CA 2652315 A1 20071122; EP 2018362 A1 20090128; JP 2009537471 A 20091029; JP 5517610 B2 20140611; KR 101365790 B1 20140220; KR 20090009869 A 20090123; MX 2008014641 A 20081127; TW 200812957 A 20080316; TW I414512 B 20131111; US 2009182167 A1 20090716; US 8569539 B2 20131029

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