

Title (en)

PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE ALPHA-HYDROXYCARBOXYLIC ACIDS

Publication

EP 0000560 B1 19820203 (DE)

Application

EP 78100464 A 19780721

Priority

CH 921877 A 19770726

Abstract (en)

[origin: US4204044A] The present invention is concerned with a process for the manufacture of optically active alpha -hydroxycarboxylic acids, especially a process for the manufacture of optically pure D- or L- alpha -hydroxycarboxylic acids.

IPC 1-7

C07B 19/02; C12P 7/42; C07C 59/01; C07D 213/55

IPC 8 full level

C07C 51/367 (2006.01); **C07C 51/377** (2006.01); **C07D 213/55** (2006.01); **C12P 7/42** (2006.01); **C12P 7/64** (2006.01); **C12P 17/12** (2006.01); **C12P 41/00** (2006.01)

CPC (source: EP US)

C07C 51/367 (2013.01 - EP US); **C07C 51/377** (2013.01 - EP US); **C07D 213/55** (2013.01 - EP US); **C12N 1/205** (2021.05 - EP US); **C12P 7/42** (2013.01 - EP US); **C12P 7/6409** (2013.01 - EP US); **C12P 17/12** (2013.01 - EP US); **C12P 41/002** (2013.01 - EP US); **C12R 2001/07** (2021.05 - EP US); **C12R 2001/15** (2021.05 - EP US); **C12R 2001/38** (2021.05 - EP US); **C12R 2001/465** (2021.05 - EP US); **Y10S 435/832** (2013.01 - EP); **Y10S 435/837** (2013.01 - EP); **Y10S 435/843** (2013.01 - EP); **Y10S 435/876** (2013.01 - EP); **Y10S 435/877** (2013.01 - EP); **Y10S 435/886** (2013.01 - EP)

C-Set (source: EP US)

1. **C07C 51/367 + C07C 59/01**
2. **C07C 51/377 + C07C 59/185**

Cited by

EP0130288A3; EP0218863A3; EP0347374A1; US5098841A; EP0391345A3; US5155043A; EP0103210A3

Designated contracting state (EPC)

BE CH DE FR GB NL

DOCDB simple family (publication)

EP 0000560 A1 19790207; EP 0000560 B1 19820203; AT 365641 B 19820210; AT A540478 A 19810615; CH 628009 A5 19820215; DE 2832230 A1 19790208; DE 2861599 D1 19820311; FR 2398713 A1 19790223; FR 2398713 B3 19801024; GB 2001646 A 19790207; IT 1097447 B 19850831; IT 7826132 A0 19780726; JP S5426397 A 19790227; NL 7807332 A 19790130; US 4204044 A 19800520

DOCDB simple family (application)

EP 78100464 A 19780721; AT 540478 A 19780725; CH 921877 A 19770726; DE 2832230 A 19780721; DE 2861599 T 19780721; FR 7821395 A 19780719; GB 7830960 A 19780725; IT 2613278 A 19780726; JP 8953378 A 19780724; NL 7807332 A 19780706; US 92659278 A 19780719