

Title (en)  
PROCESS FOR THE PREPARATION OF DELTA LACTONES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON DELTA-LACTONEN

Title (fr)  
PROCÉDÉ DE SYNTHÈSE DE DELTA LACTONES

Publication  
**EP 1969131 A1 20080917 (EN)**

Application  
**EP 06829671 A 20061215**

Priority  

- EP 2006012141 W 20061215
- EP 05077891 A 20051215
- EP 06829671 A 20061215

Abstract (en)  
[origin: WO2007068498A1] The invention relates to a process for the preparation of d-lactones by reacting acetaldehyde and a substituted acetaldehyde in the presence of an aldolase, preferably a DERA from Escherichia coli, from Bacillus subtilis or from a Geobacillus species, d-lactones, such as saturated d-lactones,  $\alpha$ ,  $\beta$ -unsaturated d-lactones and 3-hydroxy- d-lactones can suitably be used as (intermediates in the production of) flavors and/or fragrances and/or pharmaceuticals.

IPC 8 full level  
**C12P 17/06** (2006.01)

CPC (source: EP)  
**C07B 53/00** (2013.01); **C07D 309/10** (2013.01); **C07D 309/30** (2013.01); **C12P 17/06** (2013.01)

Citation (search report)  
See references of WO 2007068498A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007068498 A1 20070621**; EP 1969131 A1 20080917

DOCDB simple family (application)  
**EP 2006012141 W 20061215**; EP 06829671 A 20061215