

Title (en)  
METHOD FOR PRODUCING CONDENSATION POLYMERS OF ASPARTIC ACID AND THEIR USE IN WASHING AND CLEANING PRODUCTS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON POLYKONDENSATEN DER ASPARAGINSÄURE UND IHRE VERWENDUNG IN WASCH- UND REINIGUNGSMITTELN

Title (fr)  
PROCEDE DE PRODUCTION DE POLYCONDENSATS D'ACIDE ASPARTIQUE ET LEUR UTILISATION DANS DES PRODUITS DE LAVAGE ET DE NETTOYAGE

Publication  
**EP 0775169 A1 19970528 (DE)**

Application  
**EP 95928485 A 19950728**

Priority

- DE 4428597 A 19940812
- EP 9503005 W 19950728

Abstract (en)  
[origin: DE4428597A1] Disclosed is a method for producing condensation polymers of aspartic acid by means of condensation polymerization of aspartic acid at temperatures of 140 DEG C in the presence of, relative to aspartic acid, from 1 to less than 5 mol % phosphorous acid or hypophosphorous acid catalyst, and the use of the resulting condensation polymers of aspartic acid as additives in washing and cleaning products, amounting to 0.1 to 10 wt % relative to the washing and cleaning products.

IPC 1-7  
**C08G 69/10**; **C08G 73/06**; **C11D 3/37**; **C02F 5/12**

IPC 8 full level  
**C02F 5/12** (2006.01); **C08G 73/10** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)  
**C02F 5/12** (2013.01); **C08G 73/1092** (2013.01); **C11D 3/3719** (2013.01)

Citation (search report)  
See references of WO 9605243A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 4428597 A1 19960215**; EP 0775169 A1 19970528; WO 9605243 A1 19960222

DOCDB simple family (application)  
**DE 4428597 A 19940812**; EP 9503005 W 19950728; EP 95928485 A 19950728