

Title (en)  
A CELLULASE WITH REDUCED MOBILITY

Title (de)  
CELLULASE MIT VERRINGERTER MOBILITÄT

Title (fr)  
CELLULASE AVEC UNE MOBILITE DIMINUEE

Publication  
**EP 0835302 A1 19980415 (EN)**

Application  
**EP 96921912 A 19960626**

Priority  
• DK 9600284 W 19960626  
• DK 75095 A 19950628

Abstract (en)  
[origin: WO9701629A1] A cellulolytic enzyme preparation comprising a cellulase with reduced mobility, e.g. by increasing the molecular weight or apparent size of the cellulase protein molecule or by insolubilizing or immobilizing the cellulase such as by incorporation of the cellulase component into a gel, by the formation of stable or temporary aggregates with enhanced molecular mass, by rapid immobilization of cellulase protein on insoluble components, by rapid autoimmobilization of the cellulase protein, or by adsorption to an insoluble or soluble carrier, preferably a cellulose-containing carrier of fibrous, microcrystalline or amorphous structure, more preferably a soluble or insoluble polymer, especially a polysaccharide capable of interaction with the enzyme via a cellulose binding domain (CBD) or catalytic domain, or a soluble polycationic cellulose derivative, the cellulase preparation having a much lesser effect or influence on the durability or ageing behaviour of the cellulosic substrate than corresponding unmodified cellulases while at least having as good an effect on the look or feel, when used for treatment of cellulosic fabrics or textiles such as for domestic or industrial laundering or fabric softening as an ingredient of a detergent composition, for bio-polishing or for stone-washing of denim fabric or denim jeans or other dyed fabric or garments.

IPC 1-7  
**C12N 9/42**; **C11D 3/386**; **D06M 16/00**

IPC 8 full level  
**C11D 3/386** (2006.01); **C12N 9/42** (2006.01); **D06M 16/00** (2006.01); **D06P 5/02** (2006.01); **D06P 5/15** (2006.01)

CPC (source: EP)  
**C11D 3/38645** (2013.01); **C12N 9/2437** (2013.01); **C12Y 302/01004** (2013.01); **D06M 16/003** (2013.01); **D06P 5/02** (2013.01); **D06P 5/158** (2013.01)

Citation (search report)  
See references of WO 9701629A1

Designated contracting state (EPC)  
BE DE DK ES FR GB GR IE IT NL PT SE

DOCDB simple family (publication)  
**WO 9701629 A1 19970116**; AR 002620 A1 19980325; AU 6298896 A 19970130; EP 0835302 A1 19980415

DOCDB simple family (application)  
**DK 9600284 W 19960626**; AR 10335496 A 19960627; AU 6298896 A 19960626; EP 96921912 A 19960626