

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
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