

Title (en)

A METHOD FOR TREATING BIOFILM AND OTHER SLIME PRODUCTS WITH ENDO-BETA-1,2-GALACTANASE

Title (de)

VERFAHREN ZUR BEHANDLUNG VON BIOFILM UND ANDEREN SCHLEIMPRODUKTEN MIT ENDO-BETA-1,2-GALAKTANASE

Title (fr)

PROCEDE DE TRAITEMENT D'UN BIOFILM ET AUTRES PRODUITS DU TYPE BOUES MICROBIENNES AVEC UNE ENDO-BETA-1,2-GALACTANASE

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Application

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Abstract (en)

[origin: WO0123534A1] The invention describes a method for degrading polysaccharides by using an enzyme preparation comprising endo- beta -1,2-galactanase activity. In the process industry and in the paper machine environment in particular, microbes form biofilms on surfaces, consisting of microbes, fibres, and polysaccharide that protects the microbe cells, increases the viscosity of the biofilm, and protects the biofilm against drying. By treating biofilms and other slime deposits in the process industry with the enzyme preparation according to the invention, the problems caused by biofilms to the process industry can be reduced. Endo- beta -1,2-galactanase can also be used in the preparation of various mono- or oligosaccharides.

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