

Title (en)

METHOD FOR THE PRODUCTION OF CELLULASES USING A FILAMENTOUS FUNGUS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON CELLULASEN UNTER VERWENDUNG EINES FADENPILZES

Title (fr)

PROCÉDÉ DE PRODUCTION DE CELLULASES PAR UN CHAMPIGNON FILAMENTEUX

Publication

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Application

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Abstract (en)

[origin: WO2020052952A1] The present invention relates to a method for the production of enzymes using a strain belonging to a filamentous fungus, which comprises three steps: (a) a first step of biomass growth, in the presence of at least one carbon-based growth substrate, in a stirred and aerated bioreactor (1) in batch phase mode, (b) a second step of diluting the culture medium obtained in the first step (a), (c) a third step of producing enzymes from the diluted culture medium obtained in the second step (b), in the presence of at least one carbon-based inducer substrate, in fed-batch phase mode.

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