

Title (en)

ENZYMATIC METHOD FOR THE OXIDATIVE BREAKDOWN OF FLUORESCENT COMPOUNDS

Title (de)

ENZYMATISCHE METHODE ZUM OXIDATIVEN ABBAU VON FLUORESZIERENDEN VERBINDUNGEN

Title (fr)

PROCEDE ENZYMATIQUE DE DECOMPOSITION OXYDATIVE DE COMPOSES FLUORESCENTS

Publication

**EP 0835225 A1 19980415 (DE)**

Application

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Abstract (en)

[origin: DE19523389A1] Fluorescent compounds in aqueous systems can be broken down by treatment of said aqueous systems with an enzyme from the group comprising the oxidases and peroxidases and with an oxidising agent taken from the group of compounds containing or forming O<sub>2</sub>, H<sub>2</sub>O<sub>2</sub> and O<sub>2</sub>, or H<sub>2</sub>O<sub>2</sub>, at a temperature of between 5 and 90 DEG C and a pH value of 5-10. The treatment can be carried out in the presence of surface-active auxiliary agents.

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