

Title (en)

PROTEOLYTIC PERHYDROLYSIS SYSTEM AND METHOD OF USE FOR BLEACHING

Publication

**EP 0359087 A3 19911023 (EN)**

Application

**EP 89116326 A 19890905**

Priority

US 24333188 A 19880912

Abstract (en)

[origin: EP0359087A2] A perhydrolysis system or activated oxidant system for in situ generation of peracid in aqueous solutions is disclosed, including: (a) a protease enzyme; (b) an ester substrate having the structure R min (Z) @-(CH<sub>2</sub>)- @-O-R, wherein R = C1-11-alkyl, R min = C1-10-alkyl or H, Z = O or a polyalkoxy residue of the formula (CH<sub>2</sub>CH<sub>2</sub>O)<sub>m</sub> or <CHEM> wherein m = 0-10, r = 0 or 1; R and R min optionally having OH-substituents pendant on or terminating the hydrocarbonyl chains, and (c) a source of peroxygen capable of reacting with the protease (a) and the ester substrate (b) to result in proteolytic production of of peracid.

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CPC (source: EP)

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Citation (search report)

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