

Title (en)  
BLEACHING SYSTEM

Title (de)  
BLEICHSYSTEM

Title (fr)  
SYSTEME DE BLANCHIMENT

Publication  
**EP 0985019 B1 20011205 (DE)**

Application  
**EP 98928290 A 19980518**

Priority  
• DE 19721886 A 19970526  
• EP 9802920 W 19980518

Abstract (en)  
[origin: US6479450B1] A bleaching composition is presented having a) an enzyme which produces hydrogen peroxide from atmospheric oxygen, b) a substrate for said enzyme, and c) a transition metal compound, where the enzyme is covalently bound to the transition metal compound. The bleaching composition is useful in disinfectants and laundry detergents as a bleaching component and for inhibiting the transfer of dyes.

IPC 1-7  
**C11D 3/386**; **C11D 3/395**; **C11D 3/39**; **C11D 3/00**

IPC 8 full level  
**C11D 3/00** (2006.01); **C11D 3/28** (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 3/48** (2006.01)

CPC (source: EP US)  
**C11D 3/0021** (2013.01 - EP US); **C11D 3/38654** (2013.01 - EP US); **C11D 3/3932** (2013.01 - EP US); **C11D 3/48** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE DE ES FR GB IT NL

DOCDB simple family (publication)  
**US 6479450 B1 20021112**; AT E210178 T1 20011215; DE 19721886 A1 19981203; DE 59802351 D1 20020117; EP 0985019 A1 20000315; EP 0985019 B1 20011205; ES 2169525 T3 20020701; JP 2001526729 A 20011218; WO 9854282 A1 19981203

DOCDB simple family (application)  
**US 42461000 A 20000202**; AT 98928290 T 19980518; DE 19721886 A 19970526; DE 59802351 T 19980518; EP 9802920 W 19980518; EP 98928290 A 19980518; ES 98928290 T 19980518; JP 50018099 A 19980518