

Title (en)  
MULTICOMPONENT SYSTEM FOR MODIFYING, DECOMPOSING OR BLEACHING LIGNIN, LIGNIN-CONTAINING MATERIALS OR SIMILAR SUBSTANCES AND METHOD OF USING THIS SYSTEM

Title (de)  
MEHRKOMPONENTENSYSYSTEM ZUM VERÄNDERN, ABBAU ODER BLEICHEN VON LIGNIN, LIGNINHALTIGEN MATERIALIEN ODER ÄHNLICHEN STOFFEN SOWIE VERFAHREN ZU SEINER ANWENDUNG

Title (fr)  
SYSTEME A PLUSIEURS CONSTITUANTS POUR MODIFIER, DEGRADER OU BLANCHIR LA LIGNINE, LES MATIERES CONTENANT DE LA LIGNINE OU ANALOGUES ET PROCEDES D'UTILISATION

Publication  
**EP 0745154 A1 19961204 (DE)**

Application  
**EP 95944012 A 19951215**

Priority  
• EP 95944012 A 19951215  
• EP 9504965 W 19951215  
• EP 94119981 A 19941216

Abstract (en)  
[origin: EP0717143A1] System for transforming, degrading or bleaching lignin, lignin-contg. materials or similar materials, comprises a poly-component system comprising: (a) opt.  $\geq 1$  oxidation catalyst; (b)  $\geq 1$  oxidising agent; (c)  $\geq 1$  mediator selected from hydroxylamines, hydroxylamine derivs., hydroxamic acids, hydroxamic acid derivs. and aliphatic, cycloaliphatic, heterocyclic and aromatic cpds. which contain  $\geq 1$  N-hydroxy, oxime, N-oxy or N,N-dioxy function; (d) opt.  $\geq 1$  co-mediator selected from aryl-substd. alcohols, carbonyl cpds., aliphatic ethers, phenol ethers and alkenes; and (e) a small amt. of a free amine of one of the mediators used.

IPC 1-7  
**D21C 9/00**

IPC 8 full level  
**C12S 3/08** (2006.01); **C08H 6/00** (2010.01); **C08H 7/00** (2011.01); **C08H 8/00** (2010.01); **C12S 3/00** (2006.01); **D21C 3/00** (2006.01); **D21C 5/00** (2006.01); **D21C 9/00** (2006.01); **D21C 9/10** (2006.01)

CPC (source: EP KR)  
**D21C 5/005** (2013.01 - EP KR); **D21C 9/1036** (2013.01 - EP KR)

Citation (search report)  
See references of WO 9618770A2

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DE19820947B4; WO2013045782A1; US9834886B2

Designated contracting state (EPC)  
AT BE DE DK ES FR GB NL PT SE

DOCDB simple family (publication)  
**EP 0717143 A1 19960619**; AT E171228 T1 19981015; AU 4535096 A 19960703; AU 688660 B2 19980312; BR 9506801 A 19980630; CA 2164394 A1 19960617; CN 1142255 A 19970205; CZ 243896 A3 19970115; DE 59503612 D1 19981022; DK 0745154 T3 19990614; EP 0745154 A1 19961204; EP 0745154 B1 19980916; ES 2122722 T3 19981216; FI 963210 A0 19960816; FI 963210 A 19960816; HU 215542 B 19990128; HU 9602270 D0 19961028; HU T76126 A 19970630; JP 3107828 B2 20001113; JP H09503257 A 19970331; KR 100197048 B1 19990615; KR 970701286 A 19970317; NO 963410 D0 19960815; NO 963410 L 19961015; NZ 300571 A 19980126; PL 315913 A1 19961209; RU 2142479 C1 19991210; SK 104096 A3 19970205; TW 360729 B 19990611; WO 9618770 A2 19960620; WO 9618770 A3 19960822

DOCDB simple family (application)  
**EP 94119981 A 19941216**; AT 95944012 T 19951215; AU 4535096 A 19951215; BR 9506801 A 19951215; CA 2164394 A 19951204; CN 95191657 A 19951215; CZ 243896 A 19951215; DE 59503612 T 19951215; DK 95944012 T 19951215; EP 9504965 W 19951215; EP 95944012 A 19951215; ES 95944012 T 19951215; FI 963210 A 19960816; HU 9602270 A 19951215; JP 51827496 A 19951215; KR 19960704448 A 19960814; NO 963410 A 19960815; NZ 30057195 A 19951215; PL 31591395 A 19951215; RU 96118245 A 19951215; SK 104096 A 19951215; TW 84112809 A 19951201