

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
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• 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. ≥ 1 oxidation catalyst; (b) ≥ 1 oxidising agent; (c) ≥ 1 mediator selected from hydroxylamines, hydroxylamine derivs., hydroxamic acids, hydroxamic acid derivs. and aliphatic, cycloaliphatic, heterocyclic and aromatic cpds. which contain ≥ 1 N-hydroxy, oxime, N-oxy or N,N-dioxy function; (d) opt. ≥ 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.

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IPC 8 full level
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