

Title (en)
LIGAND AND COMPLEX FOR CATALYTICALLY BLEACHING A SUBSTRATE

Title (de)
LIGAND UND KOMPLEX ZUR KATALYTISCHEN BLEICHUNG EINES SUBSTRATES

Title (fr)
LIGAND ET COMPLEXE SERVANT A BLANCHIR UN SUBSTRAT SELON UN PROCEDE CATALYTIQUE

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Abstract (en)
[origin: WO0116272A2] The invention relates to ligands or complexes useful as catalysts for catalytically bleaching substrates with atmospheric oxygen, and as catalysts in the treatment of textiles such as laundry fabrics whereby bleaching by atmospheric oxygen is catalysed after the treatment. The ligand is of general formula (I), wherein R1, R2 and R3 independently represent a group selected from hydrogen, hydroxyl, halogen, -NH-C(NH)NH2, -R and -OR, wherein R= alkyl, alkenyl, cycloalkyl, heterocycloalkyl, aryl, heteroaryl or a carbonyl derivative group, R being optionally substituted by one or more functional groups, and provided that two of R1, R2 and R3 are coordinating groups and one of R1, R2 and R3 is a non-coordinating group; Q independently represents a group selected from C2-3-alkylene optionally substituted by H, benzyl or C1-8-alkyl; and Q1, Q2 and Q3 independently represent specified linking groups.

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