

Title (en)

Bleaching composition comprising polyoxometalates bleach catalyst

Title (de)

Bleichmittelzusammensetzung enthaltend Polyoxometallate als Bleichmittelkatalysator

Title (fr)

Composition de blanchiment contenant des polyoxométalates comme catalyseurs de blanchiment

Publication

EP 0761809 A3 19980902 (DE)

Application

EP 96113058 A 19960814

Priority

DE 19530786 A 19950822

Abstract (en)

[origin: CA2183814A1] Bleach composition comprising polyoxometallates as bleaching catalyst Bleach composition comprising one or more bleaching agents and one or more polyoxometallates of the formula (Q)q(AaXxMmOyZz(H₂O)b as bleaching catalyst, the symbols Q, A, X, M, Z, q, a, x, m, y, z, b and c being as dehned in the description.

IPC 1-7

C11D 3/39

IPC 8 full level

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CPC (source: EP KR US)

C11D 3/3932 (2013.01 - EP US); **C11D 3/395** (2013.01 - KR)

Citation (search report)

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- [A] US 5041142 A 19910820 - ELLIS SIMON R [US]
- [DA] WO 9405849 A1 19940317 - US AGRICULTURE [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 268 (C - 1202) 23 May 1994 (1994-05-23)

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DOCDB simple family (publication)

DE 19530786 A1 19970227; BR 9603491 A 19980512; CA 2183814 A1 19970223; CA 2183814 C 20081223; DE 59611133 D1 20041209; EP 0761809 A2 19970312; EP 0761809 A3 19980902; EP 0761809 B1 20041103; ES 2231796 T3 20050516; JP 4107690 B2 20080625; JP H09118899 A 19970506; KR 970010940 A 19970327; US 5928382 A 19990727

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DE 19530786 A 19950822; BR 9603491 A 19960821; CA 2183814 A 19960821; DE 59611133 T 19960814; EP 96113058 A 19960814; ES 96113058 T 19960814; JP 22015196 A 19960821; KR 19960034792 A 19960822; US 70147596 A 19960822