

Title (en)

COMPOSITION FOR THE AUTOMATIC CLEANING OF TOILET BOWLS

Publication

EP 0131527 B1 19860903 (FR)

Application

EP 84420113 A 19840704

Priority

FR 8311845 A 19830708

Abstract (en)

[origin: US4731223A] A composition for the automatic cleaning of toilet bowls includes at least one amine oxide, at least one appropriate colorant and at least one pH regulating agent, the composition being such that the pH of the aqueous mixture in the toilet bowl is about 6.3+-0.5. The composition is applied by filling containers designed to be used especially in the reservoir or tank of the toilet bowl.

IPC 1-7

C11D 1/75; C11D 3/40; C11D 3/395

IPC 8 full level

C11D 1/75 (2006.01); **C11D 3/395** (2006.01); **C11D 3/40** (2006.01); **C11D 3/48** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)

C11D 1/75 (2013.01 - EP US); **C11D 3/3958** (2013.01 - EP US); **C11D 3/40** (2013.01 - EP US); **C11D 3/48** (2013.01 - EP US);
C11D 17/0056 (2013.01 - EP US)

Cited by

EP0253676A3; US5977054A; EP0425463A3; WO9507335A3

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0131527 A1 19850116; EP 0131527 B1 19860903; AT E21925 T1 19860915; CA 1271682 A 19900717; DE 3460617 D1 19861009;
FR 2548682 A1 19850111; FR 2548682 B1 19851108; JP H0473480 B2 19921120; JP S6090300 A 19850521; US 4731223 A 19880315

DOCDB simple family (application)

EP 84420113 A 19840704; AT 84420113 T 19840704; CA 458325 A 19840706; DE 3460617 T 19840704; FR 8311845 A 19830708;
JP 13917984 A 19840706; US 79718285 A 19851108