

Title (en)
PROCESS FOR SANITARY CLEANING AND A SANITARY CLEANER.

Title (de)
VERFAHREN ZUR SANITÄRREINIGUNG SOWIE EIN SANITÄRREINIGER.

Title (fr)
PROCEDE DE NETTOYAGE SANITAIRE ET NETTOYANT SANITAIRE.

Publication
EP 0651780 A1 19950510 (DE)

Application
EP 94917661 A 19940520

Priority
• DE 4317104 A 19930521
• EP 9401645 W 19940520

Abstract (en)
[origin: WO9428100A1] The description relates to a process for sanitary cleaning with a sanitary cleaner in liquid or solid form containing germicidal organic substances in a quantity of at least some '5 g/kg sanitary cleaner, conventional scale-removing water-soluble acids, germ-conveying organic materials resistant to the scale-removing water-soluble acids in a quantity of at least 10 mg/kg sanitary cleaner and possibly other additives. After dilution or washing, the action of the germs decomposing the organic substance in the water is promoted. As germ-conveying organic substance, the sanitary cleaner contains a compound of the formula (I): R1R2N-CO-NR3R4 in which R1 to R4 are mutually independently open-chained or cyclised and may be: hydrogen, a lower alkyl group with 1 to 4 carbon atoms, a cyclo-alkyl group with 3 to 6 carbon atoms, an aryl group in the form of a phenyl or naphthyl rest, an aralkyl group with 7 to 18 carbon atoms, an alkylaryl group with 7 to 18 carbon atoms or an O, S or N-containing heterocyclic group with 2 to 5 carbon atoms. This process and the sanitary cleaner used therein promote the respiratory activity of microflora in the communal waste water. This also results in the desirable germicidal function in the initial operating phase of a sanitary cleaner, e.g. in a toilet pan.

IPC 1-7
C11D 3/32; C11D 3/00; C11D 7/26; C11D 7/32; A61L 2/18

IPC 8 full level
C11D 3/00 (2006.01); **A61L 2/18** (2006.01); **C11D 3/32** (2006.01); **C11D 3/48** (2006.01); **C11D 7/26** (2006.01); **C11D 7/32** (2006.01); **C11D 7/46** (2006.01)

CPC (source: EP)
C11D 3/48 (2013.01); **C11D 7/265** (2013.01); **C11D 7/3245** (2013.01); **C11D 7/3272** (2013.01); **C11D 7/46** (2013.01)

Citation (search report)
See references of WO 9428100A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9428100 A1 19941208; AT E151454 T1 19970415; CA 2140548 A1 19941208; DE 4317104 A1 19941124; DE 4317104 C2 19950614; DE 59402364 D1 19970515; EP 0651780 A1 19950510; EP 0651780 B1 19970409; ES 2100718 T3 19970616; JP H07509275 A 19951012

DOCDB simple family (application)
EP 9401645 W 19940520; AT 94917661 T 19940520; CA 2140548 A 19940520; DE 4317104 A 19930521; DE 59402364 T 19940520; EP 94917661 A 19940520; ES 94917661 T 19940520; JP 50019995 A 19940520