

Title (en)

Toilet cleaning block releasing active chlorine

Title (de)

Aktivchlorabspaltender Toilettenreinigungsblock

Title (fr)

Blocks de nettoyage de toilettes libérant du chlore actif

Publication

EP 0879877 B1 20021023 (DE)

Application

EP 98104537 A 19980313

Priority

DE 19721471 A 19970522

Abstract (en)

[origin: EP0879877A1] Toilet cleaning block contains at least 10 wt.% surfactant, at least 20 wt.% inorganic salt, 1-30 wt.% active chlorine source (I) and solid perfumes (II) and it is solid at room temperature and contains O or N. Also claimed is the production of the block by extruding the composition and cutting the strand into blocks of suitable size.

IPC 1-7

C11D 17/00; C11D 3/02; C11D 3/395; C11D 3/50; C11D 1/94

IPC 8 full level

C11D 1/94 (2006.01); **C11D 3/02** (2006.01); **C11D 3/395** (2006.01); **C11D 3/50** (2006.01); **C11D 17/00** (2006.01); **C11D 1/52** (2006.01)

CPC (source: EP)

C11D 1/94 (2013.01); **C11D 3/046** (2013.01); **C11D 3/3955** (2013.01); **C11D 3/50** (2013.01); **C11D 17/0056** (2013.01); **C11D 1/525** (2013.01)

Cited by

JP2015532658A; US8966674B2; WO2007107755A1; WO2019052842A1; US8858879B2; US8277715B2; US8685304B2; US8615820B2; US8197739B2; US9334640B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB LI NL PT

DOCDB simple family (publication)

EP 0879877 A1 19981125; EP 0879877 B1 20021023; AT E226625 T1 20021115; DE 19721471 A1 19981126; DE 59806013 D1 20021128

DOCDB simple family (application)

EP 98104537 A 19980313; AT 98104537 T 19980313; DE 19721471 A 19970522; DE 59806013 T 19980313