

Title (en)
METHOD FOR DETECTING PARTIALLY FLUORINATED SURFACTANTS

Title (de)
VERFAHREN ZUM NACHWEIS VON TEILFLUORIERTEN TENSIDEN

Title (fr)
PROCÉDÉ POUR DÉTECTER DES TENSIOACTIFS PARTIELLEMENT FLUORÉS

Publication
EP 2699898 A1 20140226 (DE)

Application
EP 12718937 A 20120420

Priority
• DE 102011007799 A 20110420
• EP 2012057250 W 20120420

Abstract (en)
[origin: WO2012143500A1] In a method for preferably quantitatively detecting partially fluorinated surfactants, which in particular are contained in wastewater, clarification sludges and the like, first the partially fluorinated surfactant is brought together in solution or suspension with at least one chromophore or with at least one compound having at least one chromophore, and the product of interaction between the partially fluorinated surfactant and the chromophore that is obtained in such a way is photometrically identified. The partially fluorinated surfactant is preferably the perfluorinated alkyl sulfonate H4- perfluorooctane sulfonate (H4-PFOS). The product of interaction between the perfluorinated surfactant and the chromophore is preferably converted to an organic phase for the photometric identification.

IPC 8 full level
G01N 31/22 (2006.01); **G01N 21/77** (2006.01)

CPC (source: EP)
G01N 21/77 (2013.01); **G01N 31/22** (2013.01); **G01N 2021/8416** (2013.01)

Citation (search report)
See references of WO 2012143500A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102011007799 A1 20121025; EP 2699898 A1 20140226; WO 2012143500 A1 20121026

DOCDB simple family (application)
DE 102011007799 A 20110420; EP 12718937 A 20120420; EP 2012057250 W 20120420