

Title (en)

COMPOSITION AND METHOD FOR TREATING WATER SYSTEMS

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUR BEHANDLUNG VON WASSERSYSTEMEN

Title (fr)

COMPOSITION ET PROCÉDÉ DE TRAITEMENT DE SYSTÈMES D'EAU

Publication

EP 3065889 A4 20170503 (EN)

Application

EP 14859612 A 20141105

Priority

- US 201314073705 A 20131106
- US 201462010042 P 20140610
- US 201414532639 A 20141104
- US 2014063996 W 20141105

Abstract (en)

[origin: WO2015069684A2] A solid composition for treating cooling or heated water systems to remove scale, microorganisms and biofilm, and corrosion by-products. The composition for cooling towers and chilled water systems comprises chelating agents and an anionic surfactant. The composition for boilers and heated water systems comprises a sulfite, neutralizing amines, sodium phosphate, and, optionally, a polymethacrylate or polyacrylate polymer. A method for using such a treatment composition comprises contacting the treatment composition with substantially all parts of the water system.

IPC 8 full level

B08B 7/04 (2006.01); **C02F 1/68** (2006.01); **C02F 5/12** (2006.01); **C02F 103/02** (2006.01)

CPC (source: EP MX)

B08B 7/04 (2013.01 - MX); **C02F 1/683** (2013.01 - EP); **C02F 5/125** (2013.01 - EP); **C11D 1/22** (2013.01 - EP); **C11D 3/2086** (2013.01 - EP); **C11D 3/37** (2013.01 - EP); **C11D 3/48** (2013.01 - EP); **C11D 7/3209** (2013.01 - EP); **C11D 7/34** (2013.01 - EP); **C11D 7/36** (2013.01 - EP); **C02F 2103/023** (2013.01 - EP); **C02F 2303/08** (2013.01 - EP); **C02F 2303/14** (2013.01 - EP); **C02F 2305/04** (2013.01 - EP); **C11D 2111/20** (2024.01 - EP)

Citation (search report)

- [I] US 2013099158 A1 20130425 - MOORE RICHARD [US], et al
- [I] CN 1854086 A 20061101 - WANSEN WATER TREAT CO LTD [CN]
- [I] CN 1854089 A 20061101 - WANSEN WATER TREAT CO LTD [CN]
- See references of WO 2015069684A2

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)

WO 2015069684 A2 20150514; **WO 2015069684 A3 20151119**; **WO 2015069684 A4 20151223**; EP 3065889 A2 20160914; EP 3065889 A4 20170503; MX 2016005928 A 20160713

DOCDB simple family (application)

US 2014063996 W 20141105; EP 14859612 A 20141105; MX 2016005928 A 20141105