

Title (en)
COMPOSITION FOR REMOVING IRON SULFIDE

Title (de)
ZUSAMMENSETZUNG ZUR ENTFERNUNG VON EISENSULFID

Title (fr)
COMPOSITION POUR L'ÉLIMINATION DU SULFURE DE FER

Publication
EP 3486353 A4 20200304 (EN)

Application
EP 17819983 A 20170621

Priority
• JP 2016127916 A 20160628
• JP 2017022837 W 20170621

Abstract (en)
[origin: EP3486353A1] Provided is a composition for removing iron sulfide, containing, as an active ingredient, an \pm ,²-unsaturated aldehyde represented by the following general formula (1): wherein R 1 to R 3 each independently represent a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an aryl group having 6 to 12 carbon atoms, provided that R 1 may be connected to R 2 or R 3 , to constitute an alkylene group having 2 to 6 carbon atoms; and that R 1 and R 2 are not a hydrogen atom at the same time.

IPC 8 full level
C10G 9/16 (2006.01); **C10G 21/16** (2006.01); **C10G 25/00** (2006.01); **C10G 29/24** (2006.01); **C10G 75/02** (2006.01); **C23G 1/24** (2006.01); **C23G 5/00** (2006.01)

CPC (source: EP US)
C10G 9/16 (2013.01 - EP); **C10G 21/16** (2013.01 - EP); **C10G 25/003** (2013.01 - EP); **C10G 29/24** (2013.01 - EP); **C10G 75/02** (2013.01 - EP US); **C23G 1/24** (2013.01 - EP US); **C23G 5/00** (2013.01 - EP US); **C23G 5/02** (2013.01 - US)

Citation (search report)
• [X] US 6068056 A 20000530 - FRENIER WAYNE W [US], et al
• [X] US 4734259 A 19880329 - FRENIER WAYNE W [US], et al
• [X] US 2008227669 A1 20080918 - WELTON THOMAS D [US]
• [X] US 2015164823 A1 20150618 - HARA HIROSHI [JP], et al
• [X] WO 2012027140 A2 20120301 - ANITOX CORP [US], et al
• See references of WO 2018003624A1

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)
EP 3486353 A1 20190522; EP 3486353 A4 20200304; BR 112018076690 A2 20190402; CA 3028940 A1 20180104; CN 109415819 A 20190301; JP WO2018003624 A1 20190516; MX 2018016415 A 20190509; RU 2018145752 A 20200728; RU 2018145752 A3 20200728; SG 11201811541T A 20190130; TW 201816098 A 20180501; US 2019241822 A1 20190808; WO 2018003624 A1 20180104

DOCDB simple family (application)
EP 17819983 A 20170621; BR 112018076690 A 20170621; CA 3028940 A 20170621; CN 201780038445 A 20170621; JP 2017022837 W 20170621; JP 2018525091 A 20170621; MX 2018016415 A 20170621; RU 2018145752 A 20170621; SG 11201811541T A 20170621; TW 106121359 A 20170627; US 201716312363 A 20170621