Title (en)

CORROSION INHIBITOR COMPOSITIONS AND METHODS OF USING SAME

Title (de)

KORROSIONSHEMMENDE ZUSAMMENSETZUNGEN UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)

COMPOSITIONS INHIBITRICES DE LA CORROSION ET LEURS PROCÉDÉS D'UTILISATION

Publication

EP 3449038 A1 20190306 (EN)

Application

EP 17739721 A 20170425

Priority

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- US 2017029336 W 20170425

Abstract (en)

[origin: US2017306504A1] Disclosed are methods for inhibiting the corrosion of metal containments such as carbon-steel pipes used in oil recovery processes, the methods comprising adding urine and/or compositions comprising urine to water sources to form corrosion inhibitor compositions, and contacting metal containments with the corrosion inhibitor compositions. The water sources are for example aqueous solutions that are corrosive to metal containments such as carbon-steel pipes. Compositions comprising urine that provide reduced corrosion or corrosion inhibition are also described. Metal containment assemblages comprising corrosion inhibitor compositions and a metal containment are also described.

IPC 8 full level

C23F 11/08 (2006.01); **C09K 8/54** (2006.01); **C23F 11/14** (2006.01)

CPC (source: EP US)

C09K 8/54 (2013.01 - EP US); **C22C 38/002** (2013.01 - EP US); **C23F 11/08** (2013.01 - EP US); **C23F 11/10** (2013.01 - US); **C23F 11/145** (2013.01 - EP US); C09K 8/52 (2013.01 - EP US); C09K 2208/32 (2013.01 - EP US)

Citation (search report)

See references of WO 2017189528A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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