

Title (en)

LUBRICATING COATING COMPOSITION SUITABLE FOR TUBULAR THREADED JOINTS

Title (de)

SCHMIERENDE BESCHICHTUNGSZUSAMMENSETZUNG, DIE FÜR RÖHRENFÖRMIGE SCHRAUBVERBINDUNGEN GEEIGNET IST

Title (fr)

COMPOSITION DE REVÊTEMENT LUBRIFIANT APPROPRIÉE POUR DES JOINTS FILETÉS TUBULAIRES

Publication

EP 2079822 A4 20140820 (EN)

Application

EP 07830127 A 20071012

Priority

- JP 2007070393 W 20071012
- JP 2006280478 A 20061013

Abstract (en)

[origin: WO2008044799A1] A tubular threaded joint for connecting tubing or casing used to excavate oil wells have a lubricating coating formed from a lubricating coating composition comprising one or more basic lubricants selected from a basic sulfonate salt, a basic salicylate salt, a basic phenate salt, and a basic carboxylate salt and having biodegradability value (BOD) of at least 20% when measured after 28 days in seawater. The joint can be used without application of a compound grease containing heavy metals even in a country or region having severe environmental regulations.

IPC 8 full level

C10M 169/04 (2006.01); **C10M 159/20** (2006.01); **C10M 159/22** (2006.01); **C10M 159/24** (2006.01); **F16L 15/04** (2006.01); **C10N 10/04** (2006.01); **C10N 30/00** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01); **C10N 40/00** (2006.01); **C10N 50/02** (2006.01)

CPC (source: EP US)

C10M 169/04 (2013.01 - EP US); **F16L 15/04** (2013.01 - EP); **C10M 2205/022** (2013.01 - EP US); **C10M 2205/14** (2013.01 - EP US); **C10M 2205/16** (2013.01 - EP US); **C10M 2205/17** (2013.01 - EP US); **C10M 2205/18** (2013.01 - EP US); **C10M 2207/0235** (2013.01 - EP US); **C10M 2207/0285** (2013.01 - EP US); **C10M 2207/1253** (2013.01 - EP US); **C10M 2207/126** (2013.01 - EP US); **C10M 2207/2623** (2013.01 - EP US); **C10M 2219/0463** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2030/64** (2020.05 - EP US); **C10N 2050/02** (2013.01 - EP US); **C10N 2050/10** (2013.01 - EP US); **C10N 2080/00** (2013.01 - EP US); **E21B 17/042** (2013.01 - EP)

Citation (search report)

- [XII] EP 1350834 A1 20031008 - SUMITOMO METAL IND [JP], et al
- [XI] US 2004239105 A1 20041202 - MATSUMOTO KEISHI [JP], et al
- [XII] WO 2006104251 A1 20061005 - SUMITOMO METAL IND [JP], et al
- See references of WO 2008044799A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008044799 A1 20080417; AR 063281 A1 20090121; BR PI0717398 A2 20131015; CA 2665966 A1 20080417; CA 2665966 C 20120103; CN 101535458 A 20090916; CN 101535458 B 20130605; EP 2079822 A1 20090722; EP 2079822 A4 20140820; JP 2008095019 A 20080424; JP 5145684 B2 20130220; MX 2009003864 A 20090702; MX 336519 B 20160121; NO 20091381 L 20090709; RU 2009117854 A 20101120; RU 2418041 C2 20110510; US 2009264326 A1 20091022

DOCDB simple family (application)

JP 2007070393 W 20071012; AR P070104541 A 20071012; BR PI0717398 A 20071012; CA 2665966 A 20071012; CN 200780042743 A 20071012; EP 07830127 A 20071012; JP 2006280478 A 20061013; MX 2009003864 A 20071012; NO 20091381 A 20090403; RU 2009117854 A 20071012; US 38553109 A 20090410