

Title (en)
Oil and gas recovery articles

Title (de)
Öl und Gasgewinnungsartikel

Title (fr)
Articles de récupération de pétrole et de gaz

Publication
EP 2851387 A1 20150325 (EN)

Application
EP 13185207 A 20130919

Priority
EP 13185207 A 20130919

Abstract (en)
An oil and gas recovery article comprising at least one part made of a poly(arylether sulfone) polymeric material comprising at least one poly(arylether sulfone) polymer, wherein said (t-PAES) polymer comprising more than 50 % moles of recurring units (R t) of formula (S t) : E-Ar 1 - SO 2 -[Ar 2 -(T-Ar 3) n -SO 2] m -Ar 4 wherein n and m, equal to or different from each other, are independently zero or an integer of 1 to 5, each of Ar 1 , Ar 2 , Ar 3 and Ar 4 equal to or different from each other and at each occurrence, is an aromatic moiety, T is a bond or a divalent group and E is of formula (E t) : wherein each of R', equal to or different from each other, is selected from the group consisting of halogen, alkyl, alkenyl, alkynyl, aryl, ether, thioether, carboxylic acid, ester, amide, imide, alkali or alkaline earth metal sulfonate, alkyl sulfonate, alkali or alkaline earth metal phosphonate, alkyl phosphonate, amine and quaternary ammonium ; j' is zero or is an integer from 1 to 4.

IPC 8 full level
C08G 75/23 (2006.01); **E21B 1/00** (2006.01); **E21B 33/12** (2006.01); **E21B 34/00** (2006.01); **E21B 43/00** (2006.01)

CPC (source: EP US)
E21B 17/00 (2013.01 - EP); **E21B 41/00** (2013.01 - EP US)

Citation (applicant)
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• "Additives for Plastics Handbook, 2nd edition,", JOHN MURPHY, article "chapter 5.2.3", pages: 43 - 48

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Designated contracting state (EPC)
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Designated extension state (EPC)
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JP 2016528427 A 20140716