

Title (en)
METHOD AND SYSTEM FOR TREATING HYDROCARBON FORMATIONS

Title (de)
VERFAHREN UND SYSTEM ZUR BEHANDLUNG VON KOHLENWASSERSTOFFFORMATIONEN

Title (fr)
PROCÉDÉ ET SYSTÈME DE TRAITEMENT DE FORMATIONS D'HYDROCARBURES

Publication
EP 2134803 A4 20110803 (EN)

Application
EP 07870111 A 20071230

Priority
• US 2007089181 W 20071230
• US 89687707 P 20070323

Abstract (en)
[origin: WO2008118240A1] The present invention includes compositions and methods for treating a hydrocarbon-bearing formation having brine and at least one temperature, wherein the brine has at least one first composition by obtaining first compatibility information for a first model brine and a first treatment composition at a model temperature, wherein the first model brine has a composition selected at least partially based on the first brine composition, wherein the model temperature is selected at least partially based on the formation temperature, and wherein the first treatment composition comprises at least one first surfactant and at least one first solvent; based at least partially on the first compatibility information, selecting a treatment method for the hydrocarbon-bearing formation, and treating the hydrocarbon-bearing formation with the selected treatment method.

IPC 8 full level
C09K 8/584 (2006.01); **C09K 8/18** (2006.01)

CPC (source: EP US)
C09K 8/18 (2013.01 - EP US); **C09K 8/584** (2013.01 - EP US)

Citation (search report)
• [X] US 5129457 A 19920714 - SYDANSK ROBERT D [US]
• [Y] US 6664354 B2 20031216 - SAVU PATRICIA M [US], et al
• [Y] US 2002173915 A1 20021121 - EGERMANN PATRICK [FR], et al
• [EL] WO 2008118243 A1 20081002 - UNIV TEXAS [US], et al
• See references of WO 2008118240A1

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 2008118240 A1 20081002; CN 101688110 A 20100331; EP 2134803 A1 20091223; EP 2134803 A4 20110803;
RU 2009136515 A 20110427; US 2010181068 A1 20100722

DOCDB simple family (application)
US 2007089181 W 20071230; CN 200780053073 A 20071230; EP 07870111 A 20071230; RU 2009136515 A 20071230;
US 53266807 A 20071230