

Title (en)  
WELLBORE DRILLING COMPOSITIONS

Title (de)  
BOHRLOCHBOHRZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS POUR FORAGE DE PUITS

Publication  
**EP 4330342 A1 20240306 (EN)**

Application  
**EP 22715450 A 20220317**

Priority  
• US 202117241505 A 20210427  
• US 2022020782 W 20220317

Abstract (en)  
[origin: WO2022231723A1] A water-based drilling mud composition may include an aqueous carrier, an asphalt sulfonate salt, and insoluble latex particles. The insoluble latex particles promote stabilization of an emulsion formed in response to introduction of an oil phase in the composition. The composition may include the emulsion including an oil phase dispersed as droplets in the aqueous carrier. The dispersed insoluble latex particles may be present in an oil-water interface between the oil phase and an aqueous phase of the aqueous carrier.

IPC 8 full level  
**C09K 8/035** (2006.01); **C09K 8/12** (2006.01)

CPC (source: EP)  
**C09K 8/035** (2013.01); **C09K 8/12** (2013.01)

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022231723 A1 20221103**; AU 2022266559 A1 20231019; BR 112023022107 A2 20231226; CA 3218198 A1 20221103; CN 117242156 A 20231215; EP 4330342 A1 20240306; MX 2023012730 A 20231108

DOCDB simple family (application)  
**US 2022020782 W 20220317**; AU 2022266559 A 20220317; BR 112023022107 A 20220317; CA 3218198 A 20220317; CN 202280031080 A 20220317; EP 22715450 A 20220317; MX 2023012730 A 20220317