

Title (en)

GLYCOL-BASED MAGNETORHEOLOGICAL FLUIDS CONTAINING INORGANIC CLAYS, AND THEIR METHOD OF MANUFACTURE

Title (de)

AUF GLYCOL BASIERENDE MAGNETORHEOLOGISCHE FLÜSSIGKEITEN MIT ANORGANISCHEM TON UND IHR HERSTELLUNGSVERFAHREN

Title (fr)

FLUIDES MAGNÉTORHÉOLOGIQUES À BASE DE GLYCOL CONTENANT DES ARGILES INORGANIQUES, ET LEUR PROCÉDÉ DE FABRICATION

Publication

EP 2145341 A1 20100120 (EN)

Application

EP 08745511 A 20080410

Priority

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- US 91095107 P 20070410

Abstract (en)

[origin: WO2008124827A1] A magnetorheological (MR) fluid comprising a glycol-based carrier fluid, a magnetizeable particle, and an inorganic clay. The MR fluid is particularly suitable for use in devices that have materials incompatible with typical hydrocarbon-based MR fluids, for example in devices where natural rubber is in contact with the fluids as in automotive engine mounts. The fluid is substantially non-foaming, and an improvement over glycol fluids thickened with organoclays.

IPC 8 full level

H01F 1/44 (2006.01)

CPC (source: EP KR US)

H01F 1/44 (2013.01 - KR); **H01F 1/447** (2013.01 - EP US)

Citation (search report)

See references of WO 2008124827A1

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