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[Continued on next page]

(54) Title: STABILISED EMULSIONS

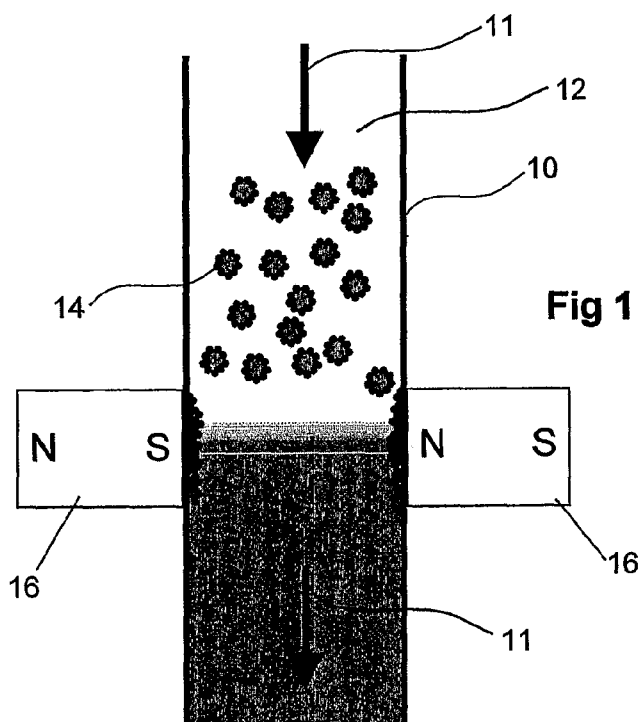


Fig 1

(57) Abstract: A method and system are described in which a first composition may be delivered to a target location, which target location may include but is not limited to a location in a wellbore penetrating an earth formation. The first composition is dispersed into a second composition to form an emulsion, where the emulsion is stabilized by particles that are responsive to a magnetic field. The emulsion is used to transport the first composition to the target location where the emulsion is subjected to a magnetic field sufficient to interact with the particles and disrupt the emulsion, and thereby change the viscosity of the composition and/or release the first composition at the target location. In some aspects, the first and second composition may react together upon the release of the first composition at the target location.

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B. FIELDS SEARCHED

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C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SONIA, M. et al., Pickering Emulsions with Controllable Stability, Langmuir, 21, pages 2158-2162 (2005).	1,3,5,7,9-12,16,18
A	See abstract and pages 2158-2162.	2,4,6,8,13-15,17,19
A	F. MONTAGNE et al., Preparation and characterization of narrow sized (o/w) magnetic emulsion, Journal of Magnetism and Magnetic Materials, 250, pages 302-312 (2002). See abstract and pages 302-312.	1-19
A	B. P. BINKS et al., Pickering Emulsions Stabilized by Monodisperse Latex Particles: Effects of Particle Size, Langmuir, 17, pages 4540-4547 (2001). See abstract and pages 4540-4547.	1-19
A	JONG HYEOK PARK et al., Rheological Properties and Stabilization of Magnetorheological Fluids in a Water-in-Oil Emulsion, Journal of Colloid and Interface Science, 240, pages 349-354 (2001). See abstract and pages 349-354.	1-19

 Further documents are listed in the continuation of Box C. See patent family annex.

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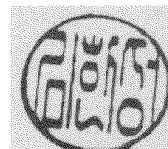
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96-07710 A1 (SOFITECH N.V. et al.) 14 March 1996 See abstract	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 96-07710 A1	14.03.1996	AU 3352395 A GB 2307653 A US 06156805A A	27.03.1996 04.06.1997 05.12.2000