

Title (en)  
Electrorheological fluids.

Title (de)  
Elektorrheologische Flüssigkeiten.

Title (fr)  
Fluides électrorhéologiques.

Publication  
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Application  
**EP 90302711 A 19900314**

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Abstract (en)  
An electrorheological fluid composition comprising a dispersion of an aluminosilicate in an electrically highly resistive fluid vehicle, characterised in that the aluminosilicate comprises a) a moiety of empirical formula  $(Al_2O_3)_b(SiO_2)_c$  where b and c are any numerical values provided that the ratio of b/c never exceeds 1, and b) transition metal cations, including those of group IB metals. and optionally comprises a polar adsorbate, eg a crystalline zeolite, a particulate material for use as the disperse phase of an electrorheological fluid, which comprises such an aluminosilicate, and a process for the preparation of such a material.

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• [A] CHEMICAL PATENT INDEX, BASIC ABSTRACTS JOURNAL, week 7408, 5th February 1974, section Chemical, Acc. No. C75-V14775V/08, Derwent Publications Ltd, London, GB; & JP-B-74 005 117 (KAWASAKI HEAVY INDS.)

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