

Title (en)

Electrorheological fluids.

Title (de)

Elektrorheologische Flüssigkeiten.

Title (fr)

Fluides électrorhéologiques.

Publication

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Application

EP 90302712 A 19900314

Priority

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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 (Al₂O₃)_b (SiO₂)_c where b and c are any numerical values provided that the ratio of b/c lies in the range of 1:1 to 1:9, b) mono- or divalent main group metal cations, hydrogen ions or optionally substituted ammonium ions, and c) a non-aqueous polar adsorbate. eg a crystalline zeolite comprising a non-aqueous polar adsorbate, 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. r

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IPC 8 full level

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Citation (search report)

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