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(71) Applicant (*for all designated States except US*): **HERCULES INCORPORATED** [US/US]; Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **MODI, Jashawant, J.** [US/—]; 54 Raphael Drive, Hockessin, DE 19707 (US).

(74) Agent: **O'FLYNN O'BRIEN, Robert**; Hercules Incorporated, Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

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(54) Title: FLUIDIZED SLURRY OF WATER SOLUBLE AND OR WATER-SWELLABLE POLYMER AND MIXTURE THEREOF (FPS) FOR USE IN DENTIFRICE AND HOUSEHOLD APPLICATIONS

(57) Abstract: An oral care or household cleaner system contains a fluid polymer suspension (FPS) thickening agent. The FPS thickening agents comprises a water soluble/water swellable polymer, a polyol, and a hydrated thickening silica. The water soluble/water swellable polymer is selected from the group consisting of acrylic acid polymer, salts of acrylic acid polymer, acrylate, acrylamide polymer, polyvinyl pyrrolidene, polyvinyl alcohol, clay and polysaccharide, excluding CMC. The functional systems may be formulations of oral care, for example as a dentifrice or as a household cleaner. A method of preparing the oral care or household cleaner system is also provided by adding a sufficient amount of a FPS that is compatible with the functional system to the system to thicken the functional system.



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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K A61Q C11D

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

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

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

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☒ See patent family annex.

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Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Hauss, Regina

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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