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(71) Applicant: W.R. GRACE & CO.-CONN. [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US).

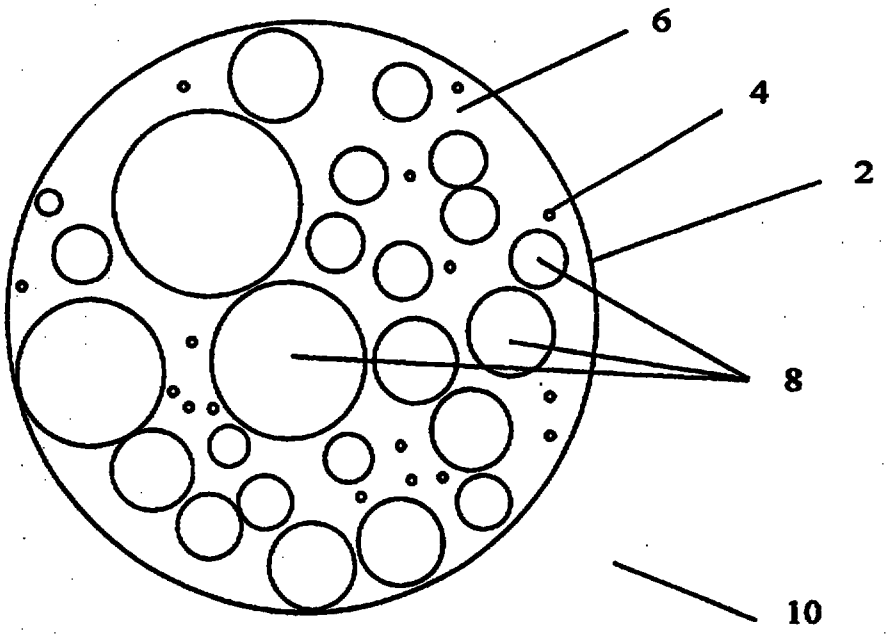
(72) Inventor: KUMAR, Ranjit; 9053 Moving Water Lane, Columbia, MD 21046 (US).

(74) Agent: CAPELLA, Steven; W.R. Grace & Co.-Conn., Washington Research Center, 7500 Grace Drive, Columbia, MD 21044-4098 (US).

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(54) Title: RARE EARTH BINDER-CONTAINING ADDITIVES AND CATALYSTS



(57) Abstract

Catalytic cracking catalysts and additives which comprise a rare earth binder component are especially useful for catalytic cracking processes involving hydrocarbon feedstocks containing high metals content. The catalysts and additives may be used in conjunction with zeolite-containing cracking catalysts to enhance catalytic activity/selectivity especially for vanadium-containing hydrocarbon feedstocks. The rare earth binder component is preferably derived from a rare earth acid sol.

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