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(71) Applicant *(for all designated States except US)*: **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SEBASTIAN, Jince** [IN/IN]; Central Salt and Marine Chemicals Research Institute, Gijubhai Badhelea Marg, Bhavnagar, 364 002 Gujarat (IN). **JASRA, Raksh, Vir** [IN/IN]; Central Salt and Marine Chemicals Research Institute, Badhelea Marg, Bhavnagar, 364 002 Gujarat (IN).

(74) Agent: **SRINIVASAN, Thiagarajan**; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, 110 062 New Dehli (IN).

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(54) Title: PROCESS FOR THE PREPARATION OF MOLECULAR SIEVE ADSORBENT FOR SELECTIVE ADSORPTION OF NITROGEN AND ARGON

(57) Abstract: The present invention relates to the manufacture of novel molecular sieve adsorbents for the separation of a gaseous mixture of oxygen, nitrogen and argon. The adsorbent is useful for the separation of oxygen and / or nitrogen from air. More specifically, the invention relates to the manufacture of a molecular sieve adsorbent, which is selective towards nitrogen from its gaseous mixture with oxygen and / or argon and argon from its gaseous mixture with oxygen.