ABSTRACT

It provides adsorbents for the economical PSA of VOCs which combine such high reversibly VOC-adsorbing ability and high hydrophobicity that low-concentration VOCs can be efficiently recovered therewith, and a method by which a gaseous hydrocarbon contained in a waste gas is easily and efficiently recovered with the adsorbents using simple facilities. The adsorbents are, for example, porous granular materials comprising silica as the main component and having a specific surface area of from 400 to 700 m^2/g, an average pore diameter of from 0.4 to 0.3 nm, and a water vapor adsorption of from 3 to 10 ml/g, and have high selectivity to VOCs against water vapor.

This Sheet Has Been Replaced

