ABSTRACT

The present invention aims to provide an adsorption carrier-packed column which enables reduction of bypassing, and improvement of the performance of the adsorption carrier. The present invention provides an adsorption carrier-packed column comprising a central pipe, adsorption carrier, plate A, and plate B, wherein an insertion material C is inserted between the adsorption carrier and the plate A; an insertion material D is inserted between the adsorption carrier and the plate B; the ratio of the deformation rate of the insertion material C (C_1) to the deformation rate of the adsorption carrier (E_0) is $1 \leq C_1/E_0 \leq 10$, and the ratio of the deformation rate of the insertion material D (D_1) to the deformation rate of the adsorption carrier (E_0) is $1 \leq D_1/E_0 \leq 10$; and the ratio of the thickness of the insertion material C (T_C) to the distance of a gap between the adsorption carrier and the plate A (L_A) is $1.1 \leq T_C/L_A \leq 4$, and the ratio of the thickness of the insertion material D (T_D) to the distance of a gap between the adsorption carrier and the plate B (L_B) is $1.1 \leq T_D/L_B \leq 4$.