

The invention provides a column filling body structure for the exchange of fluid comprises an exchanger surface for at least one descending fluid phase contacted with at least one ascending gas phase. The characteristic features of structure consist in that it has a volume formed from rows of carbon composite tube bundles. Each bundle comprises four tubes, which are aligned in accordance with four diagonal direction of a cube, under the formation of an angle with the axle of the structure. The tubes form passages, which lead at the external surface of the structure.