

Title (en)

COLUMN WITH CROSS-FLOW BOTTOMS AND FLUID DISTRIBUTOR

Title (de)

KOLONNE MIT QUERSTROMBÖDEN UND FLÜSSIGKEITSVERTEILER

Title (fr)

COLONNE COMPORTANT DES FONDS À COURANTS CROISÉS ET DES DISTRIBUTEURS DE LIQUIDE

Publication

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Application

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Abstract (en)

[origin: WO2008132096A1] The invention relates to a column for treating substance mixtures by intense contact with a liquid and gaseous phase, wherein on the inside the column has one or more cross-flow bottoms on which heat transfer elements (7) are disposed, through which a heat transfer medium flows, and wherein above one or more of said cross-flow bottoms fluid distributors (4, 5) are disposed, which have outflow openings (6) through which the fluid is evenly distributed via the heat transfer elements (7) beneath the fluid distributors (4, 5), and wherein the fluid distributors (4, 5) are disposed above the heat transfer elements (7) in the column such that they are located in the vicinity of the inflow line or outflow line of the heat transfer medium into the heat transfer elements (7).

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