

Title (en)
STRIP FOR PACKING MODULE, CORRESPONDING MODULE AND COLUMN

Title (de)
STREIFEN FÜR PACKUNGSMODUL, MODUL UND KOLONNE

Title (fr)
BANDE POUR MODULE DE GARNISSAGE, MODULE ET COLONNE CORRESPONDANTS

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Application
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Abstract (en)
[origin: WO03049854A2] The invention concerns a corrugated packing module for treating a fluid delimited by two channels (18). It comprises a running zone (4) whereof the channels define ridge lines (26) having a global sloping direction (Di) relative to a general direction of circulation (Df) of the fluid. The strip comprises a transition zone (6, 8) adjacent to the running zone (4). Each ridge line (26) of the transition zone (6, 8) extends inside a specific zone centered on a curve (A) which extends tangentially the ridge line (26) of the running zone (4). The radial width (Lr) is 10 % of the corresponding radius of curvature of the curve (A). The radius of curvature (Rc) of the curve (A) is at all points 1.5 times greater than the hydraulic diameter (Dh) of a channel (18). The invention is applicable to air distillation columns.

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