

Title (en)
COLUMN WITH GAS DISTRIBUTION AND METHOD FOR CHARACTERISING AN ELEMENT FOR BRINGING GAS AND LIQUID INTO CONTACT

Title (de)
GASVERTEILUNGSSÄULE UND VERFAHREN ZUR KENNZEICHNUNG EINES ELEMENTS ZUR INKONTAKTBRINGUNG VON GAS UND FLÜSSIGKEIT

Title (fr)
COLONNE AVEC DISTRIBUTION DE GAZ ET MÉTHODE DE CARACTÉRISATION D'UN ÉLÉMENT DE MISE EN CONTACT ENTRE GAZ ET LIQUIDE

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Application
EP 11744034 A 20110629

Priority

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Abstract (en)
[origin: WO2012004466A1] The invention relates to a column for bringing a gas and a liquid into contact, comprising a gas supply conduit (2), a liquid supply conduit (4), at least one functional zone (6) comprising at least one element for bringing a gas and a liquid into contact, the functional zone (6) being arranged between the gas supply conduit (2) and the liquid supply conduit (4). The gas supply conduit (2) co-operates with a distribution zone (8) arranged between the gas supply conduit and the functional zone, the distribution zone (8) consisting of a lining, the height of which is selected in such a way that the gas emitted from the distribution zone circulates according to a local speed at the bed inlet section of the functional zone, that is between -50 % and +50 % of the average speed of the gas circulating in the column.

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Citation (search report)
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