

Title (en)
LIQUID DISTRIBUTOR

Title (de)
FLÜSSIGKEITSVERTEILER

Title (fr)
DISTRIBUTEUR DE LIQUIDE

Publication
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Application
EP 05730198 A 20050314

Priority
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Abstract (en)
[origin: WO2005088226A3] Disclosed is a liquid distributor for evenly distributing liquid onto mass transfer and heat exchange surfaces, e.g. in absorbers, evaporators, tube bundle exchangers etc. The liquid distributor comprises a distributor reservoir (2) provided with a base (4), a liquid feed (6) into which a liquid inlet (8) flows and by means of which the liquid which is to be distributed into the distributor reservoir can be introduced, in addition to a plurality of liquid outlets which are provided in the base (4) of the distributor reservoir (2) and which define a liquid distribution area (12). The liquid outlets (10) are provided with charge earlets (16) which respectively comprise an upper (18) and a lower (20) opening. The charge earlets (16) penetrate the base (4) of the distributor reservoir (2). They protrude with a given length into the distributor reservoir (4) and extend downwards from the base of the reservoir (4). Various liquid distribution profiles can be obtained as a result of the various dimensions of the charge earlets (16).

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