

Title (en)
U-TUBE VAPORIZER

Title (de)
U-ROHR-VERDAMPFER

Title (fr)
VAPORISEUR A TUBES EN FORME DE U

Publication
EP 2601472 B1 20150304 (FR)

Application
EP 11736387 A 20110729

Priority
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• EP 2011063061 W 20110729

Abstract (en)
[origin: WO2012016915A1] A vaporizer comprises a number of U-shaped tubes (17) contained in a vessel (7), each tube having two ends, the tubes being arranged in at least one plane, the vessel being closed at one end by a plate (13) having as many openings as there are tube ends, a dome (2) covering the plate on the opposite side to the tubes, the dome being bounded by a wall (6) orthogonal to the plane of the tubes to form an inlet chamber (3) and an outlet chamber (5), the inlet chamber being split into two parts by a partition (21) perpendicular to the plane of the tubes and to the wall to form a chamber for admitting liquid between the plate and the partition and an auxiliary chamber on the other side of the partition, the admission of liquid from outside the vaporizer opening into the admission chamber and the auxiliary chamber being designed to receive only liquid from the admission chamber such that liquid from the outside arriving in the admission chamber enters the tubes via the bottom openings only.

IPC 8 full level
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