

Title (en)
LIQUID SUCTION DEVICE

Title (de)
FLÜSSIGKEITSSAUGEINRICHTUNG

Title (fr)
DISPOSITIF D'ASPIRATION DE LIQUIDE

Publication
EP 3097836 B1 20180718 (DE)

Application
EP 16171078 A 20160524

Priority
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Abstract (en)
[origin: CN106175581A] The present invention relates to a liquid suction device (1) with a suction head (2), a sewage storage tank (5) and a suction fan (6). The suction head (2) has a suction slot (4) defined by two lips (3), wherein the suction slot (4), the sewage storage tank (5) and the suction fan (6) are mutually connected to each other by means of suction passage (7), so that the liquid can be sucked from a surface to be cleaned to the sewage storage tank (5) through the suction slot (4). In order to provide the liquid suction device (1) which does not has liquid marks, it is suggested that an air passage (8) is arranged, and one side is connected to a pressure side of the fan, especially a pressure side of the suction fan (6) away from the suction passage (7), and the other side is connected to the suction slot (4), so that the blowing air from the fan, especially the suction fan (6) can be sent to the suction slot (4). Moreover the invention also relates to a wet cleaning device (13) with the liquid suction device (1), and a method for sucking the liquid from the surface to be cleaned by means of the liquid suction device (1).

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