

Title (en)
LIQUID ASPIRATOR FOR DRAWING OFF AND SUCKING UP LIQUIDS

Title (de)
FLÜSSIGKEITSSAUGVORRICHTUNG ZUM ABZIEHEN UND AUFSAUGEN VON FLÜSSIGKEITEN

Title (fr)
DISPOSITIF D'ASPIRATION DE LIQUIDES POUR SOUTIRER ET ASPIRER DES LIQUIDES

Publication
EP 2701568 B1 20150520 (DE)

Application
EP 12724975 A 20120529

Priority
• DE 102011050697 A 20110527
• EP 2012060067 W 20120529

Abstract (en)
[origin: WO2012163926A1] Liquid aspirator for drawing off and sucking up liquids, having a drawing-off lip (7), having a suction device for sucking up the liquid into a separating space (8) in the housing (1) of the liquid aspirator, having an exhaust-air channel (3), which is subjected to a negative suction pressure and is intended for leading the air out of the separating space (8), having a separating device (13), which is arranged in the separating space (8) and separates the liquid from the water, and having a tank for accommodating the liquid. Complex guidance of the liquid/air stream is avoided in that the housing (1) has a hollow chamber (2) which forms the separating space (8) and the tank, and into which the intake channel (4) opens and from which the exhaust-air channel (3) is guided out of the housing (1); wherein the hollow chamber (2) contains a motor-driven rotor (6) with a rotating impact surface, and the intake channel (4) is designed such that the air/liquid stream is directed for radial direction reversal and acceleration onto the impact surface.

IPC 8 full level
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CPC (source: EP US)
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