Title (en)

SUCTION UNIT AND SUCTION DEVICE

Title (de)

SAUGEINHEIT UND SAUGVORRICHTUNG

Title (fr)

UNITÉ D'ASPIRATION ET DISPOSITIF D'ASPIRATION

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Application

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Abstract (en)

[origin: WO2021048069A1] The invention relates to a suction unit (10) which is suitable for suctioning an object according to the Bernoulli principle, comprising a suction body (16) with a suction plate (11), which adjoins the suction body and has a front face facing away from the suction body (16), and at least one inlet channel (13), through which a gaseous medium can be introduced through the suction body (16) to the front face of the suction plate (11) and into a deflecting channel (110), said deflecting channel being delimited by the front face of the suction plate (11) and by a deflecting head (121) of a deflecting unit (12) or by the front face of the suction plate (11) and by the object when suctioning the object, wherein the gaseous medium can be conducted to the outside through the deflecting channel. The center of the suction plate (11) has a deflecting chamber (115) that is adjoined by at least one inlet channel (13) on one side and multiple suction channels (111), which are recessed into the suction plate (11) and which run towards the edge of the suction plate (11), on the other side.

IPC 8 full level

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