

Title (en)
SUCTION NOZZLE FOR SUCTION OF SMOOTH SURFACES, IN PARTICULAR OF TILED GROUND SURFACES

Title (de)
SAUGDÜSE ZUM SAUGEN VON GLATTBÖDEN, INSBESONDERE VON GEFLIESTEN BODENFLÄCHEN

Title (fr)
BUSE D'ASPIRATION DESTINÉE À ASPIRER DES SOLS LISSES, NOTAMMENT DES SOLS DALLÉS

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Application
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Abstract (en)
[origin: CN105030154A] The invention relates to a suction nozzle for vacuum suction, in particular for tiled floor surfaces. The suction nozzle comprises a nozzle body (1) which comprises a suction mouth (2) and a suction channel (3) for releasing suction air stream on the underside of the nozzle body; the suction nozzle comprises sealing elements (4, 4'), which are arranged in the working direction in front of and behind the suction mouth (2); and the suction nozzle comprises a suction chamber lateral restraint part (5) at the ends of the suction mouth (2), wherein the suction port (2), the sealing elements (4, 4') and the suction chamber lateral restraint part (5) delimit a suction chamber (6) on the underside of the nozzle body (1). The suction nozzle (2) has a measured width (B) between 200 mm and 280 mm transversely to the working direction. At least in the end-side suction port section (L) and the outside of a mouth region (7) of the suction channel (3), the measured height of the suction chamber (6) from the lower edge of the sealing elements (4, 4') to the inner surface of the suction mouth (2) is at least 1 mm and at most 20 mm, wherein the end-side suction port section extends from one end of the suction mouth (2) for a length of 60 mm. The distance (x) between a front sealing element (4) and the rear sealing member (4') is at least 15 mm and at most 50 mm. Furthermore, the bottom-side through-flow opening between the front sealing element (4) and a planar floor area and the bottom-side through-flow opening between the rear sealing element (4') and a planar floor area comprise total cross-section area which are less than 200 mm<2>, preferably less than 150 mm<2>.

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