

Abstract

The invention relates to a cleaning device (1) for suctioning a volumetric flow of particle-laden suction-air from an environment, comprising: an air-receiving opening (2), having a first line cross section (21), for suctioning the volumetric flow of particle-laden suction-air from the environment in an active operating state of the cleaning device; a liquid-receiving unit (4), having an immersion tube (3), for receiving a liquid, in particular water, wherein the immersion tube (3) is connected at a first end (7) to the air-receiving opening (2) for the purpose of conducting suction air and is designed such that at a second end (8) it is immersed into the receivable liquid, in particular into the water, in such a way that, in an active operating state of the cleaning device (1), the volumetric flow of particle-laden suction-air flows through the receivable liquid in order to trap the particles; and vacuum generating means (6) for generating the volumetric flow of suction-air in the active operating state.

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Fig. 2