

Title (en)
Control unit for centralized vacuum cleaner systems

Title (de)
Steuereinheit für zentralisierte Staubsaugeranlagen

Title (fr)
Unité de control pour installations d'aspiration centralisées

Publication
EP 1997411 A2 20081203 (EN)

Application
EP 08157202 A 20080529

Priority
IT RA20070042 A 20070601

Abstract (en)
The control unit for centralized vacuum cleaner systems, of the type comprising a central body or stage (4), which is provided with an input duct (500) of the suctioned air, and is closed on the top by a head stage (9), bearing an output duct (901) of the filtered air, and is equipped on the bottom with a container (1) for collecting the dust, is characterized in that it comprises rapid hooking and releasing means (3, 102) of the said container (1) to the central stage (4), allowing the container (1) to be easily removed and inserted through simple frontal movement by a single operator, manually and without making use of tools; means (700, 701, 8) for reducing the noise level of the control unit; means (5, 900, 902) which allow to choose directly on the way on which side to arrange the input of the suctioned air and the output of the filtered air, independently one from each other, thus making the control unit fitted to the conditions of any system to serve; means (5, 6) for fixing the control unit to the wall by simple frontal push, which allow the control unit to be positioned in small places or even in a built-in box, since it does not require any lateral and vertical movements; means (404) for protecting the filter (200) from any possible dangerous objects dragged with the suctioned air; means for the self-cleaning of the filter (200).

IPC 8 full level
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Cited by
CN107456159A; CN103844997A; CN104486982A; CN108888171A; ITCR20120003A1; EP2630902A1; US9078550B2; WO2013070665A3; DE102020128176A1; WO2022089958A1; US9131816B2; US9579004B2; US9986882B2; US10939790B2

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Designated extension state (EPC)
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