

Title (en)
FLOOR TREATMENT APPLIANCE WITH A DAMPING ELEMENT

Title (de)
BODENPFLEGEGERÄT MIT DÄMPFUNGSELEMENT

Title (fr)
APPAREIL D'ENTRETIEN DU SOL AVEC ELEMENT AMORTISSEUR

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Application
EP 09781371 A 20090731

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Abstract (en)
[origin: WO2010018084A1] The present invention relates to a floor treatment appliance (20), in particular a domestic vacuum cleaner, having a base body (4) which has at least one space (34) for at least one removable, mobile or detachable functional element (33) such as a dust separation unit, filter device and/or accessory part; having at least one housing part (10) which at least partially closes off the at least one space (34) in the base body (4), wherein the housing part (10) is arranged on the base body (4) such that it can move; an opening means (30) which releases the at least one housing part (10) from a closed position (21); and at least one force-generating element (15) which moves the housing part (10) from a closed position (21) to an open position (31) across an opening path (36). According to the invention, the force-generating element (15) is operatively connected to at least one damping element (1). The present invention permits a high-quality visual impression of the movement processes and avoids advantageously unnecessary development of noise during an opening or closing process using simple structural and cost-effective means. Furthermore, the end position of moving parts is reliably reached.

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