

Title (en)
Polishing machine nozzle.

Title (de)
Mundstück für eine Poliermaschine.

Title (fr)
Buse pour machine à polir.

Publication
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Application
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Priority
DE 9115602 U 19911217

Abstract (en)
The invention relates to a nozzle (1) for a vacuum cleaner (2) to which the suction unit is attached in a decentralised manner at a hinge joint (8), the weight of the suction unit engaging outside the centre of gravity of the appliance. For the even distribution of the weight of the machine, it is proposed to mount one or more springs (11) at the hinge joint. <IMAGE>

Abstract (de)
Die Erfindung betrifft ein Mundstück (1) für einen Staubsauger (2), an dem die Saugereinheit dezentral an einem Kippgelenk (8) angelenkt ist, wobei die Gewichtskraft der Saugereinheit außerhalb des Geräteschwerpunkts angreift, und schlägt zur gleichmäßigen Verteilung der Gewichtskraft der Maschine vor, an dem Kippgelenk eine oder mehrere Federn (11) anzubringen. <IMAGE>

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Citation (search report)

- [A] CH 288389 A 19530131 - FILLERY GORDON THOMAS [ZA]
- [A] EP 0391457 A1 19901010 - UNILEVER NV [NL], et al
- [A] DE 2264221 A1 19740704 - BOEHNE FERDINAND, et al
- [A] EP 0321690 A2 19890628 - VORWERK CO INTERHOLDING [DE]

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