

Title (en)  
ROTARY NOZZLE FOR A HIGH-PRESSURE CLEANING DEVICE

Title (de)  
ROTORDÜSE FÜR EIN HOCHDRUCKREINIGUNGSGERÄT

Title (fr)  
ROTABUSE POUR NETTOYEUR HAUTE PRESSION

Publication  
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Application  
**EP 10721790 A 20100521**

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Abstract (en)  
[origin: WO2010136412A1] The invention relates to a rotary nozzle (10) for a high-pressure cleaning device, comprising a housing (20) with at least one inlet (48) that opens tangentially into said housing and with a pan-shaped centrally pierced recess in an end wall (28), and comprising a nozzle body (60) which is arranged in the housing and is supported in the pan-shaped recess by a spherical end (56) and the longitudinal axis (66) of which runs obliquely in relation to the longitudinal axis (38) of the housing (20), wherein liquid can be rotated in the housing (20) about the longitudinal axis (38) of the housing, and the nozzle body (60) rotates together with the rotating liquid. In order to further develop the rotary nozzle (10) in such a way that flow losses can be reduced without the operation of the rotary nozzle (10), in particular the starting behavior of the nozzle body (60), thereby being impaired markedly, a rear end area (80) of the nozzle body (60) comprises an outer contour deviating from a circular shape.

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