

Title (en)  
SPRAY NOZZLE FOR A SINK UNIT TAP SYSTEM

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Application  
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Priority  
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Abstract (en)  
[origin: US5145114A] PCT No. PCT/EP90/00132 Sec. 371 Date Nov. 26, 1990 Sec. 102(e) Date Nov. 26, 1990 PCT Filed Jan. 24, 1990 PCT Pub. No. WO90/08598 PCT Pub. Date Aug. 9, 1990. A spray head (1) for a sink faucet (2) or the like that is suited for connection to a low-pressure storage tank (open hot water storage tank), with a water feed (4), a normal jet discharge (7) placed centrally in particular, a spray discharge (9) placed in particular surrounding normal jet discharge (7) concentrically and with a multiplicity of small spray holes (10), and a reversing valve (13) in which, in the normal position, reversing valve (13) connects normal jet discharge (7) to water feed (4) and separates spray discharge (9) from water feed (4) and, in a spray position, connects spray discharge (9) to water feed (4) and separates normal jet discharge (7) from water feed (4), is completely suited for use in connection with a low-pressure storage tank by a bypass pipe (21) that acts in the spray position being provided in reversing valve (13) between water feed (4) and normal jet discharge (7) and the flow resistance of bypass pipe (21) being greater than the flow resistance of spray discharge (9) when spray holes (10) are not added, but the operationally maximum dynamic pressure occurring upstream from bypass pipe (21) when spray holes (10) are added being smaller than the bursting pressure of an allocated low-pressure storage tank.

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