

Title (en)
WATER NOZZLE

Title (de)
WASSERDÜSE

Title (fr)
BUSE À EAU

Publication
EP 3178566 B1 20180110 (DE)

Application
EP 16002205 A 20161013

Priority
DE 102015121232 A 20151207

Abstract (en)
[origin: US2017157624A1] A water nozzle with a flow head is provided with at least two separate water supply devices that supply, in a controllable fashion, different water volume flows to the flow head. The flow head generates an annular jet from the different water volume flows. By controlling the water volume flows, alternatively a slim annular jet or a widened annular jet is generated by the flow head. A deflection element with a central outlet opening is provided, wherein the central outlet opening is arranged in a flow direction of the annular jet downstream of and spaced apart from the flow head. A deflection device surrounds the central outlet opening. A diameter of the central outlet opening is designed such that the slim annular jet is able to pass through the central outlet opening while the widened annular jet impacts on the deflection device surrounding the central outlet opening.

IPC 8 full level
B05B 17/08 (2006.01); **B05B 1/06** (2006.01); **B05B 1/16** (2006.01); **B05B 1/26** (2006.01); **B05B 1/30** (2006.01); **B05B 1/12** (2006.01); **B05B 9/04** (2006.01)

CPC (source: CN EP US)
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