

Title (en)  
SPRAY HEAD

Title (de)  
SPRÜHKOPF

Title (fr)  
TÊTE DE PULVÉRISATION

Publication  
**EP 3248689 A1 20171129 (EN)**

Application  
**EP 16170938 A 20160523**

Priority  
EP 16170938 A 20160523

Abstract (en)  
A spray head (1) contains: a shell (2) and a waterway (3) which includes a body (10), a side plate (20), and a spray face (30). The side plate (20) covers on the body (10) so as to define a first conduit (12), a second conduit (13), and a third conduit (14) among which a water-diverting valve chamber (15) is defined and accommodates a water-diverting valve, a button (17) is connected with the water-diverting valve (16), a spring (18) is fixed between the water-diverting valve (16) and the water-diverting valve chamber (15), an aerator (101) is mounted on the spray face (30) which includes multiple spray nozzles (31). The body (10) further includes a first cliff (191), a first fence (192), a first cavity (193), a first space (194), multiple first grooves (195), and multiple second grooves (196). The spray face (30) includes a panel (32), a second cliff (33), and a second fence (34) which has multiple locking tabs (37), characterized in that the second cliff (33) has a second cavity (35), between the second cliff (33) and the second fence (34) is defined a trench (36).

IPC 8 full level  
**B05B 1/16** (2006.01); **B05B 1/18** (2006.01); **E03C 1/04** (2006.01); **E03C 1/084** (2006.01)

CPC (source: EP)  
**B05B 1/1618** (2013.01); **B05B 1/18** (2013.01); **E03C 1/0409** (2013.01); **E03C 1/084** (2013.01)

Citation (applicant)  
US 7854401 B2 20101221 - MALEK MICHAEL L [US]

Citation (search report)  
• [Y] US 2011088784 A1 20110421 - MEEHAN STEVEN KYLE [US], et al  
• [Y] EP 2813292 A1 20141217 - XIAMEN SOLEX HIGH TECH IND CO LTD [CN], et al  
• [Y] US 7380731 B1 20080603 - HSU MING-YUAN [TW]  
• [Y] US 2012012676 A1 20120119 - HU XIAODI [CN]

Cited by  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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