

Title (en)
AREA-ADJUSTABLE WATER OUTLET MECHANISM

Title (de)
FLÄCHENANPASSBARER WASSERAUSLASSMECHANISMUS

Title (fr)
MÉCANISME DE SORTIE D'EAU À ZONE RÉGLABLE

Publication
EP 3714983 A4 20210818 (EN)

Application
EP 18881229 A 20180920

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• CN 201711190009 A 20171124
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• CN 2018106639 W 20180920

Abstract (en)
[origin: EP3714983A1] The present disclosure discloses a water outlet mechanism with a adjustable water outlet area. The water outlet mechanism with an adjustable water outlet area a fixed portion (1), and a movable plate (2) disposed in the fixed portion (1). The fixed portion (1) comprises a water outlet cavity (11) and a water outlet cover (12), the water outlet cover (12) comprises a plurality of through holes (121) penetrating through a front surface to a back surface, the through holes (121) are disposed with one or more water outlet nozzles (3) and first ends of the one or more water outlet nozzles (3) are configured to be connected to the water outlet cavity (11), the one or more water outlet nozzles (3) are configured to be swingably connected to the water outlet cover (11), the one or more water outlet nozzle (3) are partially disposed in the through holes (121), the movable plate (2) is configured to be movably connected to an inner side of the fixed portion (1) in an up-and-down direction, the movable plate (2) is operatively connected to the one or more water outlet nozzles (3), the movable plate (2) moves in the up-and-down direction to drive the one or more water outlet nozzles (3) to swing to change water outlet angles of the one or more water outlet nozzles (3) to adjust water outlet area. It can not only change a water outlet angle of the water outlet nozzle, but also adjust the water outlet area to meet different needs of shower scopes from different family members, and meet different needs of shower scopes in different shower scenarios.

IPC 8 full level
B05B 1/18 (2006.01); **B05B 15/652** (2018.01)

CPC (source: EP)
B05B 1/185 (2013.01); **B05B 15/652** (2018.01)

Citation (search report)
• [X] CN 201949945 U 20110831 - QUANZHOU JOMOO SANITARY WARE CO LTD
• [A] CN 106607194 A 20170503 - XINCHANG COUNTY SHUANGCAI TOWNSHIP HEHONG HARDWARE FACTORY
• [A] US 8016215 B1 20110913 - ZHADANOV SAM [US], et al
• [A] US 2015115067 A1 20150430 - LIN CHUN-HUI [CN]
• See references of WO 2019100833A1

Designated contracting state (EPC)
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