

Title (en)  
AERATOR

Title (de)  
STRAHLREGLER

Title (fr)  
AÉRATEUR

Publication  
**EP 4077821 C0 20240221 (DE)**

Application  
**EP 20838427 A 20201217**

Priority  
• DE 202019107100 U 20191219  
• EP 2020086890 W 20201217

Abstract (en)  
[origin: WO2021123065A1] The invention relates to an aerator (1) which can be mounted on the water outlet of a sanitary outlet fitting and has an aerator housing (2), in which a jet splitter (3) is provided, which has splitter openings (17) for dividing the water flowing through into individual jets, and at least one insertion part (5), which has a grid structure (6) consisting of two groups of parallel connecting pieces (7; 8) which touch one another or cross at intersection nodes (9). The aerator (1) according to the invention is characterised in that: the groups are arranged in two levels offset in the aerator longitudinal direction; the mutually parallel connecting pieces (7) of a group on the inflow side have a round or rounded connecting piece cross-section; and the connecting pieces (8) of a group on the outflow side have a flattened portion (10) on their inflow side and are rounded on their outflow side (11).

IPC 8 full level  
**E03C 1/084** (2006.01)

CPC (source: EP US)  
**E03C 1/084** (2013.01 - EP US)

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

Participating member state (EPC – UP)  
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)  
**DE 202019107100 U1 20210322**; AU 2020407266 A1 20220804; AU 2022100177 A4 20230105; BR 112022010562 A2 20220823; CN 114829713 A 20220729; EP 4077821 A1 20221026; EP 4077821 B1 20240221; EP 4077821 C0 20240221; MX 2022006556 A 20220701; US 2023023918 A1 20230126; WO 2021123065 A1 20210624

DOCDB simple family (application)  
**DE 202019107100 U 20191219**; AU 2020407266 A 20201217; AU 2022100177 A 20221201; BR 112022010562 A 20201217; CN 202080086270 A 20201217; EP 2020086890 W 20201217; EP 20838427 A 20201217; MX 2022006556 A 20201217; US 202017784185 A 20201217