

Title (en)

WATER AERATOR FOR SANITARY FITTINGS AND THE LIKE

Publication

EP 0151998 B1 19880113 (DE)

Application

EP 85100819 A 19850126

Priority

DE 3404662 A 19840210

Abstract (en)

[origin: US4637552A] The invention relates to a water jet aerator which, in place of conventional metal screens, has at least two separate staircase-like obstacles, which project laterally into the paths of the individual jets and split up the jets, and mix them with air. Several such obstacles are arranged in the immediate proximity of one another, successively in the direction of flow, so that a cohesive, well-ventilated jet is obtained. The configuration of the jet cross-section can vary as a function of the arrangement of the facing walls defining the flow path in the area of the obstacles.

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E03C 1/084

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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DK 60785 A 19850811; DK 60785 D0 19850208; FI 78145 B 19890228; FI 78145 C 19890612; FI 850487 A0 19850206; FI 850487 L 19850811;
HK 44789 A 19890609; JP S60242234 A 19851202; KR 850007849 A 19851209; KR 930011584 B1 19931213; US 4637552 A 19870120;
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