

Title (en)
Filter device for water outlet

Title (de)
Filtervorrichtung für Wasserauslauf

Title (fr)
Dispositif de filtration pour bouche d'écoulement

Publication
EP 1245743 A1 20021002 (EN)

Application
EP 02388026 A 20020326

Priority
DK PA200100508 A 20010327

Abstract (en)
A filter device (10) for use in a water outlet in combination with an aeration device having a central water stream restricting body creating the aeration of the water, the filter device comprises a cylindrical housing defining an inlet and an outlet, which inlet has a seat for receiving and maintaining the aeration device relative to the cylindrical housing. The device further comprises a filter element comprising at least two concentric ring elements (20,22) and a plurality of radial pin elements (26) for interconnecting the concentric ring elements, which filter element is positioned at the outlet of the cylindrical housing at a specific distance from the water stream restricting body of the aeration device. The concentric ring elements and the pin elements of the filter element are integrally moulded with the cylindrical housing from a water and lime repellent plastics material. A major ring element of the concentric ring elements defines an aperture of a diameter somewhat smaller than the inner diameter of the cylindrical housing for the creation of a recess at the inner cylindrical housing wall of the cylindrical housing at the outlet for preventing droplets from being expelled from the outlet along the inner cylindrical wall of the cylindrical housing, and a minor ring element of the concentric ring elements is positioned below the water stream restricting body of the aeration device constituting a water stream breaker for preventing the water stream supplied from the water stream restricting body from accumulating into a non-aerated water stream. <IMAGE>

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E03C 1/084

IPC 8 full level
E03C 1/084 (2006.01)

CPC (source: EP)
E03C 1/084 (2013.01)

Citation (search report)
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EP3323949A3

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