

Title (en)

WATER-CARRYING LINE SECTION HAVING AN AERATING DUCT

Title (de)

WASSERFÜHRENDER LEITUNGSABSCHNITT MIT EINEM BELÜFTUNGSKANAL

Title (fr)

SECTION DE CONDUITE À CIRCULATION D'EAU MUNIE D'UN CANAL D'AÉRATION

Publication

EP 2501865 B1 20141015 (DE)

Application

EP 10779705 A 20101109

Priority

- DE 102009054038 A 20091120
- EP 2010006815 W 20101109

Abstract (en)

[origin: WO2011060893A1] The invention relates to a water-carrying line section having at least one aerating duct (2), said aerating duct (2), on the inlet side, having at least one duct opening (5) open to the atmosphere and, on the outlet side, having at least one duct opening (6) that can be flushed by the water flowing past and/or is adjacent thereto, and in which aerating duct (2) a water jet aerator (7) is provided. The line section according to the invention is characterized in that the water jet aerator (7) has a filtering or separating device (8) which is configured so as to be permeable to air in the direction from the at least one duct opening (5) on the inlet side toward the at least one duct opening (6) on the outlet side but is impermeable to water in the opposite direction. With the aid of the water jet aerator (7) which is used in the line section (1) according to the invention and which serves to aerate the water flowing through a sanitary outlet fitting or the like, the undesired emergence of water can be prevented with certainty in any installation situation (cf. fig. 1).

IPC 8 full level

E03C 1/04 (2006.01); **E03C 1/084** (2006.01); **F16K 7/00** (2006.01); **F16K 24/00** (2006.01)

CPC (source: EP US)

E03C 1/0404 (2013.01 - 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

DOCDB simple family (publication)

DE 102009054038 A1 20110526; CN 102667018 A 20120912; CN 102667018 B 20150304; CN 201933558 U 20110817; EP 2501865 A1 20120926; EP 2501865 B1 20141015; US 2012223446 A1 20120906; US 9238906 B2 20160119; WO 2011060893 A1 20110526

DOCDB simple family (application)

DE 102009054038 A 20091120; CN 201020534971 U 20100917; CN 201080052174 A 20101109; EP 10779705 A 20101109; EP 2010006815 W 20101109; US 201013509872 A 20101109