

Title (en)

Sanitary water tap, in particular single-lever mixer tap.

Title (de)

Sanitäre Auslaufarmatur, insbesondere Einhebelmischer

Title (fr)

Robinetterie sanitaire, en particulier mitigeur monocomande.

Publication

EP 1757740 A1 20070228 (DE)

Application

EP 06015868 A 20060731

Priority

DE 102005040159 A 20050825

Abstract (en)

Mixer has housing, outlet with outflow channel open at top through which unpressurized water flows, and intake space in housing in which an intake part containing control cartridge is arranged. Between the bottom of the intake insert and on the bottom of the intake space is a first flow passage (19) through which water flows radially to the outside. Between the covering surface of the intake part and of the intake space, a ring-shaped double flow passage is formed which connects with the first flow passage beneath and with the outflow channel (4) above. At the top end of the double flow passage (27) is a ring-shaped stilling space (41) wider than the second flow passage and tall enough to allow overlap with the inner end of the outflow channel. The water in the stilling space changes its flow direction from axial to radial in direction of the outflow channel.

IPC 8 full level

E03C 1/04 (2006.01)

CPC (source: EP)

E03C 1/04 (2013.01); **E03C 1/0404** (2013.01); **E03C 1/0407** (2013.01)

Citation (applicant)

DE 10261266 B3 20040729 - HANSA METALLWERKE AG [DE]

Citation (search report)

- [DX] DE 10261266 B3 20040729 - HANSA METALLWERKE AG [DE]
- [A] DE 9410250 U1 19940908 - RAF RUBINETTERIE [IT]
- [A] WO 0163157 A1 20010830 - KOHLER CO [US]

Cited by

GB2512771B; EP3981924A1; EP2395158A1; GB2512771A; CN104105831A; US11313110B1; WO2013093523A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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