

Title (en)
BEAM CONTROLLER

Title (de)
STRAHLREGLER

Title (fr)
RÉGULATEUR DE JET

Publication
EP 3757301 B1 20230607 (DE)

Application
EP 20181851 A 20200624

Priority
DE 102019117381 A 20190627

Abstract (en)
[origin: CN112144612A] An injection regulator is provided for use in a fitting for dispensing boiled water, the injection regulator having a generally cylindrical housing having an inlet and an outlet; the injection regulator has a rotational flow generation part which is arranged in the region of the inlet and has a substantially helically extending flow guide for rotationally accelerating the flowing water flow; an expansion area which is arranged behind the rotational flow generation part, and in the expansion area, the rotationally accelerated water flow can flow in the area of the inner wall of the shell under the action of centrifugal force; and a guide part in which rotational motion of the water flow is decelerated and the water flow is guided in the longitudinal direction.

IPC 8 full level
E03C 1/04 (2006.01); **B05B 1/34** (2006.01); **E03C 1/08** (2006.01)

CPC (source: CN EP US)
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EP 3757301 A1 20201230; EP 3757301 B1 20230607; EP 3757301 C0 20230607; AU 2020203789 A1 20210121; CN 112144612 A 20201229; CN 112144612 B 20220218; DE 102019117381 A1 20201231; US 11851860 B2 20231226; US 2020407955 A1 20201231

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