

Title (en)
FLOW DEVICE FOR GUIDING A FLUID FLOW

Title (de)
STRÖMUNGSAPPARAT ZUR FÜHRUNG EINES FLUIDSTROMS

Title (fr)
APPAREIL À ÉCOULEMENT PERMETTANT DE GUIDER UN COURANT DE FLUIDE

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Abstract (en)
[origin: WO2015114105A2] The invention relates to a flow device (50) comprising a first line system (60) through which a first fluid flow (100) is conducted, said first line system (60) having a guide tube (21) and at least one guide means (20, 22) that influences a flow direction of said fluid flow (100) such that, between an inflow region (61b) and an outflow region (62b) of said first line system (60), the fluid flow (100) circulates in a radially circumferential manner around an in and/or outflow axis (102, 103), in a circulating-flow region (105) at a circumferential angle UW. The invention also relates to a method for conducting a fluid flow (10), which comprises an inflow and an outflow section (12, 13) that have a substantially parallel, preferably coaxial, in and outflow axis (14, 15). It is suggested that the fluid flow (10) is deflected by at least one guide means (20) arranged between the inflow section (12) and outflow section (13), in a circulating-flow section (17) and at a circumferential angle UW, so as to radially circulate around said in and outflow axes (14, 15), this circumferential angle UW being greater than 0°.

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