

Title (en)

METHOD AND DEVICE FOR DIVIDING OR CHANGING THE DIRECTION OF A FLUID FLOWING UNDER PRESSURE IN A PIPE.

Title (de)

VERFAHREN UND VORRICHTUNG FÜR EINE UNTER DRUCK STEHENDE, UMZULENKENDE ODER ZU VERZWEIGENDE ROHRSTRÖMUNG.

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE DIVISER UN FLUX DE LIQUIDE SOUS PRESSION DANS UNE TUBULURE OU D'EN CHANGER LE SENS D'ECOULEMENT.

Publication

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Application

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Priority

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Abstract (en)

[origin: US5573029A] PCT No. PCT/EP94/03315 Sec. 371 Date Jun. 1, 1995 Sec. 102(e) Date Jun. 1, 1995 PCT Filed Oct. 7, 1994 PCT Pub. No. WO95/11387 PCT Pub. Date Apr. 27, 1995The invention relates to a device with diversion or branching of a pipe flow under pressure with a height-adjustable built-in part and a swirl chamber which tapers from the region of the tangential inlet to the axial outlet of the flow, and is characterized in that, for simultaneous action with virtually any spiral movement distributed over the cross-section and for controlling the pressure distribution in the swirl flow and thus in the axial outlet opening, the built-in part (3) is inserted into the swirl chamber (5) adjustably in its eccentricity in relation to the swirl chamber axis.

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IPC 8 full level

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- DE-A- 1 955 973
- DE-A- 2 712 443
- DE-A- 2 712 444
- DE-A- 3 630 536
- DE-A- 4 207 601
- FR-A- 2 365 713
- GB-A- 1 067 196
- GB-A- 2 075 711
- US-A- 3 198 214
- US-A- 3 219 048
- US-A- 3 722 522

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