

Title (en)

PROCESS AND APPARATUS FOR ADDITION OF A CHEMICAL TO A PROCESS STREAM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ZUMISCHUNG EINER CHEMIKALIE ZU EINEM PROZESSSTROM

Title (fr)

PROCÉDÉ ET DISPOSITIF DESTINÉS À AJOUTER ET À MÉLANGER UN PRODUIT CHIMIQUE DANS UN FLUX DE TRAITEMENT

Publication

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Application

EP 11714765 A 20110414

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Abstract (en)

[origin: WO2011138143A1] The invention relates to a process for addition of a liquid chemical to a process stream by means of a mixing apparatus (10, 200), comprising a housing, especially a mixing tube (20), at least one fluid feed orifice (30), a chemical feed orifice (14), a dilution fluid feed orifice (18) and at least one outlet orifice (60) to a process stream (70). The process according to the invention is characterized in that a chemical stream from the chemical feed orifice (14) and a dilution fluid stream from the dilution fluid feed orifice (18) are added to a fluid stream and the fluid stream, after addition of chemical stream and dilution fluid stream, is supplied, preferably sprayed, via an outlet orifice (60), into a process stream (70), especially accelerated through a nozzle.

IPC 8 full level

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Citation (search report)

See references of WO 2011138143A1

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