

Title (en)

PROCESS AND APPARATUS FOR THE ENRICHMENT OF A LIQUID STREAM WITH A GAS

Title (de)

VERFAHREN UND VORRICHTUNG FÜR DIE ANREICHERUNG EINES FLÜSSIGKEITSSTROMS MIT EINEM GAS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR ENRICHIR UN COURANT DE LIQUIDE AVEC UN GAZ

Publication

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Application

EP 07730027 A 20070608

Priority

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- LU 91249 A 20060609

Abstract (en)

[origin: WO2007141339A1] The invention relates to an apparatus for the enrichment of a liquid stream with a gas. It comprises a flow mixer (28) having a connection for the liquid stream (12), a connection for the gas (14) and a withdrawal connection for the enriched liquid stream (16). It further comprises a differential pressure regulator (50) for regulating the gas pressure as a function of liquid pressure, such that the pressure difference between the liquid stream and the gas fed in is substantially constant. The apparatus achieves constant gas enrichment of the liquid and enables a nice head to be achieved.

IPC 8 full level

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Citation (search report)

See references of WO 2007141339A1

Cited by

CN109803916A; DE202012101021U1; DE102016119010A1; WO2018065253A1; DE102012102467A1; DE102018009440A1

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