

Title (en)

EJECTOR DEVICE FOR PRODUCING A PRESSURIZED MIXTURE OF LIQUID AND GAS, AND ITS USE

Title (de)

STRAHLPUMPE ZUM HERSTELLEN EINER UNTER DRUCK STEHENDEN MISCHUNG AUS EINER FLÜSSIGKEIT UND EINEM GAS, UND DEREN VERWENDUNG

Title (fr)

DISPOSITIF EJECTEUR POUR FORMER UN MELANGE SOUS PRESSION DE LIQUIDE ET DE GAZ, ET SON UTILISATION

Publication

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Application

EP 10723191 A 20100402

Priority

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- FR 0952369 A 20090409

Abstract (en)

[origin: WO2010116076A1] Ejector device for forming a pressurized mixture of liquid and gas, comprising a suction chamber (2) and a diffuser (6). The suction chamber comprises an injection nozzle (5) for producing a jet of liquid flowing in a longitudinal direction (X), a gas inlet (3) for admitting into the suction chamber a gas to be driven by the liquid jet, and an outlet opening (4) for discharging the liquid jet and the driven gas from the suction chamber. The diffuser is connected to the outlet opening of the suction chamber and has, in the longitudinal direction, a transversal section that increases from said outlet opening, the diffuser being situated immediately after the outlet opening of the suction chamber, and in which the diffuser (6) comprises at least one first conical portion that has a first angle of between 0.1 and 7 degrees.

IPC 8 full level

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