

Title (en)

METHOD AND DEVICE FOR PURIFYING GAS FLOWS BY MEANS OF CONDENSATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REINIGUNG VON GASSTRÖMEN MITTELS KONDENSATION

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PURIFICATION DE FLUX DE GAZ PAR CONDENSATION

Publication

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Application

**EP 20796799 A 20201022**

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Abstract (en)

[origin: WO2021104767A1] The invention relates to a method for purifying a gas flow by means of condensation, wherein a carrier gas flow loaded with at least one condensable substance is brought into indirect heat exchange with a coolant on a first heat exchange surface in a condenser and cooled to a temperature below the dew point of the at least one condensable substance, and the condensed substance is withdrawn from the condenser as a liquid condensate, and said method is characterized according to the invention in that the condensate is supplied to a second heat exchange surface and brought into indirect heat exchange with the carrier gas flow thereon.

IPC 8 full level

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