

Title (en)

SEPARATING METHOD, CONCENTRATE, SEPARATING DEVICE AND USE THEREFOR

Title (de)

TRENNVERFAHREN, KONZENTRAT, TRENNVORRICHTUNG UND VERWENDUNG HIERZU

Title (fr)

PROCÉDÉ DE SÉPARATION, CONCENTRÉ, DISPOSITIF DE SÉPARATION ET UTILISATION ASSOCIÉE

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Application

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Abstract (en)

[origin: WO2017198261A1] The invention relates to a method for at least partially separating at least two substances in a mixture, in particular for concentrating or purifying or refining the mixture, wherein each of the substances has a different boiling or evaporating temperature and melting or freezing temperature, comprising the steps of: controlling the temperature and/or changing the pressure of the mixture so that at least one of the substances is in a different state to at least the other substance, wherein the temperature control and/or pressure change step further comprises the steps of: putting the mixture into a housing, controlling the temperature of the mixture by contact with a heat exchanger device arranged in the housing while stirring the mixture, wherein during stirring the mixture is moved outward along the heat exchanger surfaces, and wherein force for the stirring is transferred from outside the housing to inside the housing in a contactless manner without an interruption in the housing. The invention also relates to a device, a concentrate and use therefor.

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