Title (en)
METHOD AND DEVICE FOR EVAPORATING LIQUID OXYGEN

Title (de)
VERFAHREN UND VORRICHTUNG ZUM VERDAMPFEN VON FLÜSSIGEM SAUERSTOFF

Title (fr)
PROCEDE ET DISPOSITIF POUR VAPORISER DE L'OXYGENE LIQUIDE

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Abstract (en)
[origin: WO9939143A1] The invention relates to a method and a device for evaporating liquid oxygen. During normal operation, liquid oxygen is introduced into a main evaporator (3) where it is partially evaporated, a first rinsing stream (5) is removed from the main evaporator (3) as a liquid, the first rinsing stream (5) is partially evaporated in a supplementary evaporator (6) and a second rinsing stream (7) is removed from the supplementary evaporator (6) as a liquid. Normal operation is then interrupted by a heating up mode in which no liquid (5) is guided out of the main evaporator (3) into the supplementary evaporator (6) and the supplementary evaporator (6) is heated up to a significantly higher temperature than its temperature during normal operation.

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