Title (en)
METHOD FOR ADJUSTING A CRYOGENIC REFRIGERATION APPARATUS AND CORRESPONDING APPARATUS

Title (de)
VERFAHREN ZUR EINSTELLUNG EINER TIEFTEMPERATURKÜHLVORRICHTUNG UND ENTSPRECHENDE VORRICHTUNG

Title (fr)
PROCÉDÉ DE RÉGULATION D'UNE INSTALLATION DE RÉFRIGÉRATION CRYOGÉNIQUE ET INSTALLATION CORRESPONDANTE

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Abstract (en)
[origin: WO2016012677A1] The invention relates to a method for adjusting a cryogenic refrigeration apparatus (100) including a plurality of liquefiers/refrigerators (L/R) arranged in parallel in order to cool a single application (1), the method comprising a step of calculating in real time the dynamic mean value of at least one operating parameter for all the liquefiers/refrigerators (L/R), the apparatus controlling in real time the at least one valve (4, 5, 6, 7, 8, 9, 10, 11) for controlling the stream of working gas of at least one liquefier/refrigerator (L/R) in accordance with the difference between the instantaneous values of the parameter relative to said dynamic mean value, in order to make said instantaneous values of said operating parameter of the various liquefiers/refrigerators (L/R) converge toward said dynamic mean value.

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