Title (en)
METHOD FOR ADJUSTING AN OXYGEN PRODUCTION UNIT WITH DIFFERENT SET POINTS FOR EACH ADSORBER

Title (de)
VERFAHREN ZUR EINSTELLUNG EINER SAUERSTOFFERZEUGUNGSEINHEIT MIT UNTERSCHIEDLICHEN SOLLWERTEN FÜR JEDEN ADSORBER

Title (fr)
PROCÉDÉ DE RÉGLAGE D'UNE UNITÉ DE PRODUCTION D'OXYGÈNE AVEC DES CONSIGNES DIFFÉRENTES POUR CHAQUE ADSORBEUR

Publication
EP 3972719 A1 20220330 (FR)

Application
EP 20723913 A 20200512

Priority
• FR 1905447 A 20190523
• EP 2020063221 W 20200512

Abstract (en)
[origin: WO2020234055A1] Method for adjusting a gas stream separation unit comprising N adsorbers, where N ≥ 2, each following a PSA, VSA or VPSA adsorption cycle, with an offset of a phase time, said adjustment method comprising the following steps: a) for at least one step of the adsorption cycle, continuously measuring a physical parameter associated with the gas stream entering and/or leaving the adsorber; b) determining at least one characteristic value of the step chosen in step a) which is chosen from the values of the physical parameter measured in step a) or a function of those values; c) comparing this characteristic value with a target value; and d) in the event of a variation between the value of this or these difference(s) and the target values, modifying the flow of the gas stream in order to obtain the target value, where steps a) to d) are performed for each adsorber, and where at least one adsorber has a target value different from the target values of the other adsorbers

IPC 8 full level
B01D 53/047 (2006.01); **C01B 13/00** (2006.01); **C01B 23/00** (2006.01); **C01B 32/40** (2017.01); **C01B 32/50** (2017.01); **C10L 3/10** (2006.01)

CPC (source: CN EP US)
B01D 53/0446 (2013.01 - US); **B01D 53/047** (2013.01 - CN EP); **B01D 53/0476** (2013.01 - CN EP US); **C01B 13/00** (2013.01 - EP); **C01B 13/0259** (2013.01 - CN); **C01B 23/00** (2013.01 - EP); **C01B 32/40** (2017.08 - EP); **C01B 32/50** (2017.08 - EP); B01D 2256/12 (2013.01 - EP US); B01D 2256/16 (2013.01 - EP); B01D 2256/18 (2013.01 - EP); B01D 2256/20 (2013.01 - EP); B01D 2256/22 (2013.01 - EP); B01D 2256/245 (2013.01 - EP); B01D 2257/104 (2013.01 - EP); B01D 2257/108 (2013.01 - EP); B01D 2257/11 (2013.01 - EP); B01D 2257/502 (2013.01 - EP); B01D 2257/504 (2013.01 - EP); B01D 2257/7025 (2013.01 - EP); B01D 2259/40 (2013.01 - EP); B01D 2259/40007 (2013.01 - CN EP); B01D 2259/40009 (2013.01 - US); B01D 2259/40043 (2013.01 - CN); B01D 2259/403 (2013.01 - US); Y02C 20/20 (2013.01 - EP); Y02C 20/40 (2020.08 - EP); Y02P 20/151 (2015.11 - EP); Y02P 20/156 (2015.11 - EP)

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DOCDB simple family (publication)
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