

Title (en)
METHOD FOR OBTAINING AN AIR PRODUCT IN AN AIR SEPARATION ASSEMBLY AND AIR SEPARATION ASSEMBLY

Title (de)
VERFAHREN ZUR GEWINNUNG EINES LUFTPRODUKTS IN EINER LUFTZERLEGUNGSANLAGE UND LUFTZERLEGUNGSANLAGE

Title (fr)
PROCÉDÉ DE PRODUCTION D'UN PRODUIT D'AIR DANS UNE INSTALLATION DE SÉPARATION D'AIR ET INSTALLATION DE SÉPARATION D'AIR

Publication
EP 3193114 B1 20190821 (DE)

Application
EP 17020003 A 20170102

Priority
EP 16000084 A 20160114

Abstract (en)
[origin: US2017205142A1] A method for obtaining an air product from an air separation plant having a distillation column system and a tank system. The tank system includes a first tank and a second tank. Cryogenic liquid is withdrawn from the distillation column system, stored in the tank system, and used as the air product. The cryogenic liquid is supplied to the first tank and withdrawn from the second tank during a first period, and is supplied to the second tank and withdrawn from the first tank during a second period. The tank system has a third tank to which cryogenic liquid withdrawn from the first tank and the second tank is transferred unheated. The air product is withdrawn from the third tank in liquid state, vaporized and discharged. Alternatively, the cryogenic liquid can be withdrawn from the third tank and stored in the liquid state in a fourth tank.

IPC 8 full level
F25J 3/04 (2006.01)

CPC (source: CN EP KR US)
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WO2021129948A1; US11346603B2; WO2018219685A1

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