

Title (en)

PRODUCTION OF AN AIR PRODUCT IN AN AIR SEPARATION PLANT WITH COLD STORAGE UNIT

Title (de)

GEWINNUNG EINES LUFTPRODUKTS IN EINER LUFTZERLEGUNGSANLAGE MIT KÄLTESPEICHEREINHEIT

Title (fr)

OBTENTION D'UN PRODUIT PNEUMATIQUE DANS UNE INSTALLATION DE SÉPARATION DE L'AIR ÉQUIPÉE D'UNE UNITÉ D'ACCUMULATION DE FROID

Publication

EP 3175191 A1 20170607 (DE)

Application

EP 15741735 A 20150723

Priority

- EP 14002684 A 20140731
- EP 2015001519 W 20150723

Abstract (en)

[origin: WO2016015850A1] Disclosed is a method for producing an air product in an air separation plant, wherein feed air is cooled at least in a main air compressor (2) and is fed into a distillation column system (21, 22). In this regard, a fluid storage unit (40) and a cold accumulator (31-33) are used. In a first operating mode, fluid is stored in the fluid storage unit (40) and the cold accumulator is heated. In a third operating mode, fluid is released and the cold accumulator is cooled, and in a second operating mode, fluid is neither stored nor released.

IPC 8 full level

F25J 3/04 (2006.01)

CPC (source: CN EP US)

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Citation (search report)

See references of WO 2016015850A1

Designated contracting state (EPC)

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