

Title (en)
LOW TEMPERATURE AIR FRACTIONATION SYSTEM

Title (de)
TIEFTEMPERATURLUFTZERLEGUNGSANLAGE

Title (fr)
INSTALLATION DE DECOMPOSITION DE L'AIR A BASSE TEMPERATURE

Publication
EP 1309827 A1 20030514 (DE)

Application
EP 01974179 A 20010813

Priority

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- EP 00122779 A 20001019

Abstract (en)
[origin: EP1180655A1] Low temperature air decomposition plant comprises several modules consisting of a heat exchanger unit, a pressure column (2), and a low pressure column (3); and cold boxes formed as a main box and a secondary box. The secondary box contains at least one of the modules. Preferred Features: At least one or no module is present in the module. A pure argon rectification unit is provided in the plant and comprises partial columns (6, 7), a pure argon line, a pump (11) for recycling reflux liquid from the sump to the second partial column, and an argon head condenser (9). The main box is a pure argon column (8).

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IPC 8 full level
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