

Title (en)

Apparatus for the cryogenic separation of a gaseous mixture in particular of air

Title (de)

Vorrichtung zur Tieftemperaturzerlegung eines Gasgemischs, insbesondere von Luft

Title (fr)

Installation pour la séparation cryogénique d'un mélange gazeux en particulier d'air

Publication

EP 1672301 A1 20060621 (DE)

Application

EP 05024947 A 20051115

Priority

- EP 04028682 A 20041203
- EP 04028683 A 20041203
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Abstract (en)

The device has direct contact cooler (3) for cooling application mixtures, a cleaning device (4) for cleaning of cooled application mixtures and a cryogenic part (7). The cryogenic part has a main heat exchanger (8a) for cooling of the cleaned application mixtures at an appropriate dew point temperature. The direct contact cooler, cleaning device and the cryogenic part are arranged in a line (101).

IPC 8 full level

F25J 3/04 (2006.01)

CPC (source: EP US)

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Citation (applicant)

HAUSEN; LINDE: "TIEFTEMPERATURTECHNIK", 1985

Citation (search report)

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DOCDB simple family (publication)

US 2006156759 A1 20060720; US 7516626 B2 20090414; CA 2528735 A1 20060603; CA 2528735 C 20130806; CN 100575838 C 20091230; CN 1782644 A 20060607; EP 1666822 A1 20060607; EP 1666823 A1 20060607; EP 1672301 A1 20060621; EP 1672301 B1 20180815; PL 1672301 T3 20190131; RU 2005137481 A 20070620; RU 2382963 C2 20100227

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