

Title (en)

APPARATUS AND METHOD FOR SEPARATING AIR BY CRYOGENIC DISTILLATION

Title (de)

VORRICHTUNG UND VERFAHREN ZUR LUFTTRENNUNG DURCH KRYOGENE DESTILLATION

Title (fr)

APPAREIL ET PROCÉDÉ DE SÉPARATION D'AIR PAR DISTILLATION CRYOGÉNIQUE

Publication

**EP 3899389 A1 20211027 (FR)**

Application

**EP 19868211 A 20191205**

Priority

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Abstract (en)

[origin: WO2020128205A1] An apparatus for separating air, comprising a double column (K3, K4), means (B) for sending air to the purification unit at a pressure that is no more than 1 bar higher than atmospheric pressure, a pipe for sending a first air flow (8), which has been purified in the purification unit, to the heat exchanger at a fourth pressure that is no more than 1 bar higher than the second pressure, a pipe for sending the first purified air flow, which has been cooled in the heat exchanger, to the second column for separation, and a booster compressor (E), the apparatus not comprising any means for depressurising the first flow.

IPC 8 full level

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CPC (source: EP US)

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