

Title (en)
Installation for the low temperature separation

Title (de)
Anlage zur Tieftemperaturzerlegung von Luft

Title (fr)
Installation pour la séparation à basse température

Publication
EP 0538857 B1 20000112 (DE)

Application
EP 92118088 A 19921022

Priority
DE 4135302 A 19911025

Abstract (en)
[origin: EP0538857A1] An installation and a process for the low temperature fractionation of air are described. A rectification column (2) is fed with fractionation air via an air pipe (3). It is provided with a nitrogen pipe (14) for the withdrawal of a nitrogen fraction and an oxygen pipe (10) for the withdrawal of an oxygen fraction and a liquid tank (1) for the storage of liquid nitrogen or oxygen, which is enclosed by a vacuum vessel (5). The liquid tank (1) is connected via a first feed pipe (11) to the upper region of the rectification column (2). According to the invention, the liquid tank (1) and the rectification column (2) are arranged in the interior of a shared vacuum vessel (5). <IMAGE>

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