

Title (en)

Apparatus and process for the storage and processing of objects under inert conditions

Title (de)

Anlage und Verfahren zum Lagern und/oder Verarbeiten von Gegenständen unter inerten Bedingungen

Title (fr)

Appareil et procédé pour le stockage et le traitement d'objets endessous des conditions inertes

Publication

**EP 1172127 A3 20020612 (DE)**

Application

**EP 01116512 A 20010707**

Priority

DE 10033650 A 20000711

Abstract (en)

[origin: EP1172127A2] The oxygen in the storage room (3) is constantly kept at a low level by inserting an inert gas like nitrogen through a supply duct (23) replacing the gas high in oxygen which is removed through a second duct (10). The entrance of the room is protected from a re-invasion of the gas high in oxygen by a sluice chamber (5, 11). When an item (2a) is to be added to the ones already stored (2), it is transported on a conveyor belt to a first door (7) which opens automatically and is closed after the item (2a) has entered. A second door (8) opens after the outer door (7) is closed.

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**A62C 39/00**; **A62C 3/00**

IPC 8 full level

**A62C 3/00** (2006.01); **A62C 99/00** (2010.01)

CPC (source: EP)

**A62C 3/00** (2013.01); **A62C 3/002** (2013.01); **A62C 99/00** (2013.01)

Citation (search report)

- [A] EP 0030985 A1 19810701 - LUMMUS TECH FRANCE [FR]
- [DA] DE 19811851 A1 19990923 - WAGNER ALARM SICHERUNG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 08 30 June 1999 (1999-06-30)

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