

Title (en)
CONTROLLED ATMOSPHERE STORAGE CHAMBER

Title (de)
SPEICKERKAMMER MIT GEREGLTER ATMOSPHERE

Title (fr)
CHAMBRE DE STOCKAGE SOUS ATMOSPHERE CONTROLEE

Publication
EP 0783654 A4 19991229 (EN)

Application
EP 94927452 A 19940914

Priority
AU 9400548 W 19940914

Abstract (en)
[origin: WO9608681A1] A controlled atmosphere storage chamber (22) including: (i) means (34) for generating cooled and pressurised air located within or adjacent the chamber (22) such as an airconditioner; (ii) one or more air supply ducts (28) associated with the generating means (34) for circulating the air throughout the chamber (22) wherein each duct (28) extends substantially the length of the chamber (22) and has an unrestricted air flow passage which has a transverse dimension or width that tapers progressively inwardly throughout its length towards an end (61A) remote from the generating means (34); (iii) air outlet means (51, 61, 62) associated with each supply duct (28) which extends substantially the length of the supply duct (28); (iv) one or more elongate hollow storage members (23) having one or more heat sources (27) located closely adjacent thereto wherein the interior of each storage member (23) functions as a return duct (29) for return of heat-laden air to the generating means (34) characterised in that each return duct (29) extends substantially the length of the chamber (22) and has an unrestricted air flow passage which has a transverse dimension or width that tapers progressively outwardly throughout its length towards an end (59) remote from the generation means (34); and (v) air inlet means (52, 54) associated with each return duct (29) extending substantially the length of each return duct (29).

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F24F 3/044; F24F 1/02

IPC 8 full level
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• See references of WO 9608681A1

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