

Title (en)
Multiple-wall fortified cabinet

Title (de)
Mehrwandiger Wertschutzschrank

Title (fr)
Armoire forte à parois multiples

Publication
EP 1106769 A1 20010613 (DE)

Application
EP 99124619 A 19991210

Priority
EP 99124619 A 19991210

Abstract (en)
A fire protection storage safe, for documents etc. has several concentric walls with the spaces packed with a thermal barrier material. This is a thermal absorbing salt with a binder, e.g. vermiculite. The safe has an outer steel shell (2) several millimetres thick and an inner shell (6) of hard plastic or metal. An intermediate wall (3) of hard plastic or steel, can be perforated, and separates an outer vermiculite packing (54) from an inner packing which is a mixture of salt and binder. The salt undergoes a phase change when heated over long periods, and thereby absorbs a large amount of thermal energy.

Abstract (de)
Mehrwandiger Wertschutzschrank, insbesondere Schrank mit hoher Feuersicherheit, zum Beispiel Schrank für Dokumente oder Datenträger, wobei der Hohlraum zwischen zwei Wandungen in der Wand, Decke, Tür und/oder Boden ein Salz aufweist. <IMAGE>

IPC 1-7
E05G 1/024

IPC 8 full level
E05G 1/024 (2006.01)

CPC (source: EP)
E05G 1/024 (2013.01)

Citation (search report)

- [X] US 4814217 A 19890321 - KALLSTROEM KRISTER [SE]
- [X] WO 9743512 A1 19971120 - LEGARE DAVID J [US]
- [X] US 4824495 A 19890425 - VERNEKER VENCATESH R P [US]

Cited by
EP4098635A1; WO2022254035A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1106769 A1 20010613; EP 1106769 B1 20020724; AT E221164 T1 20020815; DE 59902138 D1 20020829; DK 1106769 T3 20020902; ES 2187111 T3 20030516; PT 1106769 E 20021031

DOCDB simple family (application)
EP 99124619 A 19991210; AT 99124619 T 19991210; DE 59902138 T 19991210; DK 99124619 T 19991210; ES 99124619 T 19991210; PT 99124619 T 19991210