

Title (en)

WAREHOUSE FOR CONTAINERS FILLED WITH HEAT-GENERATING RADIOACTIVE MATERIAL

Title (de)

LAGERHALLE FÜR MIT WÄRMEERZEUGENDEM RADIOAKTIVEM MATERIAL GEFÜLLTE BEHÄLTER

Title (fr)

ENTREPOT DESTINE A DES CONTENANTS REMPLIS DE MATERIAUX RADIOACTIFS CALORIFIQUES

Publication

EP 1222668 B1 20040331 (DE)

Application

EP 00971301 A 20000929

Priority

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- EP 0009536 W 20000929

Abstract (en)

[origin: WO127936A2] A Z-shaped cooling air channel (10) is located in a first air guide wall (1) above the floor of the warehouse (3) in order to form a natural draught cooling system. A cooling air inlet (11), a channel section (12) adjoining the same at right angles and a cooling air outlet (13) situated beneath the cooling air inlet are provided in the cooling air channel. Curved air guide plates (14) which homogenise the flow path of the cooling air (KL) after it has entered the cooling air inlet (11) and direct the flow into the vertical channel section (12) are incorporated at a deviation point in the transition area between the cooling air inlet (11) and the channel section (12) leading to the cooling air outlet (13).

IPC 1-7

G21F 9/34

IPC 8 full level

G21F 7/015 (2006.01); **G21F 9/34** (2006.01)

CPC (source: EP)

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