

Title (en)  
ELEMENT HAVING A DOUBLE HEAT TRANSFER FUNCTION FOR ISOTHERMAL CHAMBERS, AND ISOTHERMAL CHAMBER PROVIDED THEREWITH

Title (de)  
ZWEIZWECKWÄRMEÜBERTRAGUNGSELEMENT FÜR ISOTHERMISCHE RÄUME, MIT EINEM SOLCHEN ELEMENT VERSEHENER, ISOTHERMISCHER RAUM

Title (fr)  
ELEMENT A DOUBLE FONCTION DE TRANSFERT THERMIQUE POUR ENCEINTES ISOTHERMES; ENCEINTE ISOTHERMIQUE EQUIPEE D'UN TEL ELEMENT

Publication  
**EP 0750732 B1 19990825 (FR)**

Application  
**EP 95913201 A 19950315**

Priority  
• FR 9500315 W 19950315  
• FR 9402998 A 19940315

Abstract (en)  
[origin: WO9525253A1] A double-sided releasable partition element (10), particularly for an isothermal chamber, containing two adjacent compartments, i.e. a first unsealed compartment which can be filled with a solid sublimable coolant element (15), particularly carbon dioxide or dry ice, and a second sealed compartment or housing (11) filled with a eutectic or air. The outer surface (14) of the first compartment has one or more openings for diffusing the sublimed coolant element outside the compartment, said openings being substantially uniformly distributed over said outer surface. Said two-compartment partition element maintains significantly different temperatures on opposite sides of said element.

IPC 1-7  
**F25D 3/00**; **F25D 23/06**

IPC 8 full level  
**F25D 3/00** (2006.01); **F25D 23/06** (2006.01)

CPC (source: EP)  
**F25D 3/00** (2013.01); **F25D 23/069** (2013.01); **F25D 3/102** (2013.01); **F25D 2331/804** (2013.01); **F25D 2400/38** (2013.01)

Cited by  
US11608221B2; US11655094B2; US11634266B2; WO2019223893A1

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