

Title (en)  
SEALING BOX

Title (de)  
ZÜNDSPERRE

Title (fr)  
BOÎTE D'ÉTANCHÉITÉ

Publication  
**EP 2578959 A1 20130410 (EN)**

Application  
**EP 11786047 A 20110518**

Priority  
• CN 201010182653 A 20100524  
• CN 2011074284 W 20110518

Abstract (en)  
Disclosed is a cold bridge free modular sealing cabinet which is mainly constituted by insulation panels and joint modules, at least one insulation door and doorframe modules, sealing strips and fasteners. Said joint module is integrally formed with one part as a joint end having a male connector or female connector formed thereon, and another part as a connecting end including an outer sidewall and an inner sidewall to connect with the insulation panel. Said doorframe module is integrally formed with one part as a joint end having a male connector or female connector formed thereon, and another part including a hollow column and a fringe extending horizontally there from. Said joint modules and doorframe modules include a first type for connecting two adjacent insulation panels/joint modules in one line manner and a second type for connecting two adjacent insulation panels/joint modules in orthogonal manner. Said sealing strips are configured to be sandwiched in parallel to and between the inner sidewall of the joint modules and an internal face plate of the insulation panel, or tightly attached to an internal surface of the doorframe modules with the fringes substantially covered therein.

IPC 8 full level  
**F24F 13/20** (2006.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 2011147275A1

Cited by  
ITUA20164803A1; ITUA20161362A1; IT201900013074A1; WO2016149390A1; WO2016148987A1; WO2016149000A1; ITUA20164804A1; EP4224085A1; FR3132347A1; WO2021019321A1; US11668491B2

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