

Title (en)
Tight junction arrangement between two environment isolated enclosures

Title (de)
Abgedichtete Andockeinrichtung zwischen zwei umweltsolierten Gehäusen

Title (fr)
Dispositif de jonction étanche entre deux enceintes isolées d'un milieu extérieur

Publication
EP 0688020 A1 19951220 (FR)

Application
EP 95401275 A 19950601

Priority
FR 9407430 A 19940617

Abstract (en)
[origin: FR2721289A1] A sealing assembly to allow communication between two housings comprises respective doors which normally close apertures in respective frames of the housings. One housing is designed for a single use and has spaced around its frame pins (36) which are driven radially into blind holes (34) in its door (23) to lock the door permanently to the housing after communication. A lever (39) pivotably mounted on the door frame (18a) of the other housing is turned anticlockwise to drive each pin (36). The lever is also rotatable clockwise to force a second pin (47) inwards to move a third pin (46) aligned therewith to release the initial locking of door (23) to its housing prior to communication.

IPC 1-7
G21F 7/005

IPC 8 full level
F16J 12/00 (2006.01); **F16J 13/02** (2006.01); **G21F 7/005** (2006.01)

CPC (source: EP US)
B01L 1/02 (2013.01 - EP US); **G21F 7/005** (2013.01 - EP US); **Y10S 292/33** (2013.01 - EP US); **Y10T 292/205** (2015.04 - EP US); **Y10T 292/225** (2015.04 - EP US)

Citation (search report)

- [A] EP 0586307 A1 19940309 - CALHENE [FR]
- [A] EP 0187558 A1 19860716 - COGEMA [FR]
- [DA] FR 1346486 A 19631220 - COMMISSARIAT ENERGIE ATOMIQUE

Cited by
WO2013017766A1; WO2011048295A1; CN102821858A; FR2787235A1; FR2978363A1; FR2951516A1; GB2555145A; GB2555145B; US2023219722A1; FR3046206A1; FR3105055A1; AU2001291764B2; CZ301748B6; WO2011131870A1; WO0036610A1; WO2011061463A1; US9283556B2; WO2011023906A1; US8893914B2; US9545628B2; WO2011061464A1; WO2013160594A1; US9168520B2; US9963255B2; US8523436B2; US10843184B2; WO0217332A1; WO2017109420A1; EP2091051A1; WO2013017765A1; US9440229B2; US9446401B2; US9795956B2; US7192065B2; US7431352B2; WO2021123636A1

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