

Title (en)  
Device for closing an opening

Title (de)  
Verschlussvorrichtung einer Öffnung

Title (fr)  
Dispositif de fermeture d'une embrasure

Publication  
**EP 2071269 A3 20120530 (FR)**

Application  
**EP 08291167 A 20081210**

Priority  
FR 0708566 A 20071210

Abstract (en)  
[origin: EP2071269A2] The device has flexible boots (6a, 6b) integrated to a side of an end edge of an embrasure of a frame and to a side of a mobile unit i.e. arm tube, where the boots define an intermediate chamber (7) with a mobile wall (4) of the arm tube. The intermediate chamber is connected to an interior volume (10) of the frame, where the volume is pressurized by a pressurization unit (9) i.e. pump. Each boot includes a rod integrated to a lower web positioned near the mobile wall.

IPC 8 full level  
**F41A 23/24** (2006.01); **F41H 5/20** (2006.01)

CPC (source: EP US)  
**F41A 23/24** (2013.01 - EP US); **F41A 27/10** (2013.01 - EP US); **F41H 5/20** (2013.01 - EP US)

Citation (search report)

- [Y] US 3453929 A 19690708 - BETZOLD EDWARD R, et al
- [Y] FR 2371664 A1 19780616 - ALSETEX [FR]
- [A] US 2457240 A 19481228 - JORGENSEN JACOB C
- [A] DE 2128703 A1 19730104 - RHEINSTAHL AG
- [A] FR 1022540 A 19530305 - BREVETS AERO MECANIKES
- [A] DE 59668 C
- [A] GB 555283 A 19430723 - BOULTON AIRCRAFT LTD, et al
- [A] FR 1485274 A 19670616 - RHEINMETALL GMBH

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2071269 A2 20090617**; **EP 2071269 A3 20120530**; **EP 2071269 B1 20170215**; FR 2924797 A1 20090612; FR 2924797 B1 20100305; US 8065948 B1 20111129

DOCDB simple family (application)  
**EP 08291167 A 20081210**; FR 0708566 A 20071210; US 29266808 A 20081124