

Title (en)  
SYSTEM INTEGRATION

Title (de)  
SYSTEMINTEGRATION

Title (fr)  
INTÉGRATION DE SYSTÈME

Publication  
**EP 3239646 A1 20171101 (EN)**

Application  
**EP 16275065 A 20160425**

Priority  
EP 16275065 A 20160425

Abstract (en)  
A method and apparatus for generating, in an aircraft in flight, a feasibility display indicative of the feasibility of a weapon, the method comprising: providing a performance envelope for the weapon; determining, using the performance envelope, configuration data for configuring a generic algorithm; uploading the configuration data to the aircraft; generating feasibility data indicative of the feasibility of a weapon carried on the aircraft successfully engaging a target and/or the feasibility of a weapon carried on the target successfully engaging the aircraft; determining, on board the aircraft, using the same generic algorithm and the uploaded configuration data, one or more test criteria; performing, on board the aircraft, an assessment process including determining whether or not the feasibility data satisfies the one or more test criteria; and, based the assessment, using the feasibility data, generating the feasibility display.

IPC 8 full level  
**F41G 7/00** (2006.01); **F41G 9/00** (2006.01)

CPC (source: EP)  
**F41G 7/001** (2013.01); **F41G 7/007** (2013.01); **F41G 9/002** (2013.01)

Citation (search report)  
• [XAI] EP 2600096 A1 20130605 - EADS DEUTSCHLAND GMBH [DE]  
• [A] EP 2876401 A1 20150527 - BAE SYSTEMS PLC [GB]  
• [A] WO 2008129435 A2 20081030 - ALENIA AERONAUTICA SPA [IT], et al  
• [A] CLARK D ET AL: "Common Launch Acceptability Region Task Group", SAE WORLD AVIATION CONGRESS - PROCEEDINGS OF THE 2001 AEROSPACE CONGRESS, SEATTLE, USA, no. 2001-01-2953, 14 October 2001 (2001-10-14), pages 1 - 10, XP002562059

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

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