

Title (en)  
Missile launching device

Title (de)  
Flugkörperstartvorrichtung

Title (fr)  
Dispositif de démarrage d'aéronef

Publication  
**EP 2312256 A3 20140402 (DE)**

Application  
**EP 10013305 A 20101005**

Priority  
DE 102009049410 A 20091014

Abstract (en)  
[origin: EP2312256A2] The device (2) has a container (8) for accommodating a missile (10), and a mounting part (6) for attaching the container outside an airborne platform. A releasing unit (24) releases the missile from the container. An opening of the container is closed by a flap (16) of the releasing unit in a downward direction, such that the missile leaves the container in the downward direction when the releasing unit is opened. The releasing unit makes an outlet of the missile to be perpendicular to an axial direction (20) of the missile, where the releasing unit has a closing device. An independent claim is also included for a method for starting a missile from a flying platform.

IPC 8 full level  
**F41F 3/06** (2006.01); **F41F 3/065** (2006.01)

CPC (source: EP)  
**F41F 3/06** (2013.01); **F41F 3/065** (2013.01)

Citation (search report)

- [XY] US 4702145 A 19871027 - KANNAPELL JOHN T [US], et al
- [Y] US 2003192992 A1 20031016 - OLSEN MARK L [US], et al
- [Y] DE 10342565 A1 20050421 - GRABMEIER MICHAEL [DE]
- [Y] DE 4304563 C1 19940428 - DEUTSCHE AEROSPACE [DE]

Cited by  
CN104729367A; CN110775277A; WO2018046445A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2312256 A2 20110420; EP 2312256 A3 20140402; DE 102009049410 A1 20110428**

DOCDB simple family (application)  
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