

Title (en)
GUIDED MISSILE

Title (de)
LENKFLUGKÖRPER

Title (fr)
MISSILE GUIDÉ

Publication
EP 2433084 A2 20120328 (EN)

Application
EP 10784603 A 20100518

Priority
• US 2010035178 W 20100518
• US 17939109 P 20090519

Abstract (en)
[origin: WO2011019424A2] A missile (10) comprising a projectile body (20), a payload (60) contained within the nose portion (30), wings (70) stowed within the mid portion (40), and fins (80) stored within the tail portion (50). The wings (70) can be deployed during intermediate stages of the flight path when lift is advantageous, and re-stowed during terminal stages when an almost vertical angle-of-attack is desired. The fins (80) function as stabilizing components during the early ballistic stage of the flight path and function as guiding components thereafter.

IPC 8 full level
F42B 10/64 (2006.01); **F42B 10/14** (2006.01)

CPC (source: EP US)
F42B 10/14 (2013.01 - EP US); **F42B 10/64** (2013.01 - EP US)

Citation (search report)
See references of WO 2011019424A2

Cited by
EP3163250A1; DE102020105188A1; WO2021170484A1; DE102020105188B4

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2011019424 A2 20110217; WO 2011019424 A3 20110505; EP 2433084 A2 20120328; EP 2433084 B1 20130508;
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