

Title (en)

Air launcher.

Title (de)

Druckluft-Abschussvorrichtung.

Title (fr)

Dispositif de lancement à air comprimé.

Publication

**EP 0161363 A2 19851121 (EN)**

Application

**EP 84307925 A 19841115**

Priority

GB 8331381 A 19831124

Abstract (en)

An air launcher has a charge reservoir (34) with a displacement member (35). On opening of a firing valve (18 min ), charge pressure air is admitted to the barrel (2) of the air launcher for propelling the main piston (5). As charge air flows into the barrel space (16), the displacement member (35) is driven by an actuator (40) to maintain the charge air pressure substantially constant, whereby acceleration of the main piston (5) is substantially constant.

IPC 1-7

**F41F 7/02**

IPC 8 full level

**F41B 11/00** (2006.01); **F41B 11/12** (2006.01)

CPC (source: EP)

**F41B 11/00** (2013.01)

Cited by

US5859359A; US10458008B2; US11371108B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0161363 A2 19851121**; **EP 0161363 A3 19870128**; JP S60133297 A 19850716

DOCDB simple family (application)

**EP 84307925 A 19841115**; JP 24855584 A 19841124