

Title (en)

Metering control with two different control laws for a backup control valve

Title (de)

Steuerung der Dosierung eines Sicherheitssteuerungssystems mit zwei getrennten Steuerungsgesetze

Title (fr)

Commande de dosage à deux lois de régulation dissociées pour régulateur de secours

Publication

**EP 1624246 B1 20150617 (FR)**

Application

**EP 05300643 A 20050802**

Priority

FR 0408612 A 20040804

Abstract (en)

[origin: EP1624246A1] The valve has a tachometric balance (20) with a beam having arms (24, 26) movable around a hinge pin (22) based on a force applied by a control rod (18) of a fuel distributor through a compressed spring (28). A rod (36) is associated to a control piston (38) for applying a force, opposing to the former force, on the beam through a compressed spring (40) to open the distributor during passage from one acceleration law to another law. An independent claim is also included for a turbo machine having a hydraulic control valve.

IPC 8 full level

**F23K 5/14** (2006.01); **F02C 7/232** (2006.01); **F02C 9/28** (2006.01)

CPC (source: EP US)

**F23K 5/147** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

**EP 1624246 A1 20060208; EP 1624246 B1 20150617**; BR PI0503336 A 20060321; BR PI0503336 B1 20180410; CA 2514435 A1 20060204; CA 2514435 C 20120320; CN 1740538 A 20060301; CN 1740538 B 20100512; FR 2874055 A1 20060210; FR 2874055 B1 20061124; JP 2006046345 A 20060216; JP 4686293 B2 20110525; RU 2005124344 A 20070210; RU 2319845 C2 20080320; UA 90994 C2 20100625; US 2006026947 A1 20060209; US 7395655 B2 20080708

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**EP 05300643 A 20050802**; BR PI0503336 A 20050804; CA 2514435 A 20050801; CN 200510088576 A 20050804; FR 0408612 A 20040804; JP 2005225112 A 20050803; RU 2005124344 A 20050801; UA A200507711 A 20050802; US 19650605 A 20050804