

Title (en)

CONTROL OF PISTON TRAJECTOY IN A LINEAR GENERATOR

Title (de)

STEUERUNG DER KOLBENTRAJEKTORIE IN EINEM LINEAREN AKTUATOR

Title (fr)

COMMANDE DE TRAJECTOIRE DE PISTON DANS UN ACTUATEUR LINEAIRE

Publication

**EP 3436680 B1 20221012 (EN)**

Application

**EP 16717510 A 20160331**

Priority

US 2016025417 W 20160331

Abstract (en)

[origin: WO2017171816A1] Various embodiments of the present disclosure are directed towards free-piston combustion engines. As described herein, a method and system are provided for displacing a free-piston assembly to achieve a desired engine performance by repeatedly determining position-force trajectories over the course of a propagation path and effecting the displacement of the free-piston assembly based, at least in part, on the position-force trajectory. In a dual-piston assembly free-piston engine, synchronization of the two piston assemblies is provided.

IPC 8 full level

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WO 2005100764 A1 20051027 - VOLVO TECHNOLOGY CORP [SE], et al

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