

Title (en)
THERMAL HYDRAULIC PROPULSION SYSTEM

Title (de)
THERMISCHES HYDRAULISCHES ANTRIEBSSYSTEM

Title (fr)
SYSTÈME DE PROPULSION HYDRAULIQUE THERMIQUE

Publication
EP 3532733 A1 20190904 (EN)

Application
EP 17863352 A 20171027

Priority

- US 201662496784 P 20161028
- US 201662498337 P 20161221
- US 201662498347 P 20161221
- US 201662498338 P 20161221
- US 201662498336 P 20161221
- US 201715731360 A 20170601
- US 201762577630 P 20171026
- US 2017058883 W 20171027

Abstract (en)
[origin: CN110088485A] A hydraulic propulsion system converts heat or thermal energy into hydraulic energy, and such hydraulic energy into mechanical work. The hydraulic propulsion system includes a thermal unit, a hydraulic cylinder with pistons and springs mounted therein, one or more hydraulic motors, one or more hydraulic accumulators, and one or more electrical energy generators, as well as a plurality of flow control valves to control the flow of hydraulic fluid between the various components. The hydraulic propulsion system may be enhanced by a sonic transmission unit including a sonic wave generator.

IPC 8 full level
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CPC (source: EP)
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Designated extension state (EPC)
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