

Title (en)

FLUID ENERGY MACHINE, METHOD FOR GENERATING A FLUID-VOLUME FLOW AND/OR FOR COMPRESSING A FLUID, AND METHOD FOR REFUELLING A VEHICLE

Title (de)

FLUIDENERGIEMASCHINE, VERFAHREN ZUR ERZEUGUNG EINES FLUID- VOLUMENSTROMS UND/ODER ZUR KOMPRIMIERUNG EINES FLUIDS SOWIE VERFAHREN ZUR BETANKUNG EINES FAHRZEUGS

Title (fr)

MACHINE À ÉNERGIE FLUIDIQUE, PROCÉDÉ DE PRODUCTION D'UN FLUX VOLUMIQUE DE FLUIDE ET/OU DE COMPRESSION D'UN FLUIDE, AINSI QUE PROCÉDÉ DE REMPLISSAGE DU RÉSERVOIR D'UN VÉHICULE

Publication

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Application

**EP 16700283 A 20160107**

Priority

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Abstract (en)

[origin: WO2016113120A1] The invention relates to a fluid energy machine and a method for generating a fluid-volume flow and for compressing a fluid by means of the fluid energy machine according to the invention. The invention also relates to a method for refuelling a vehicle with a fluid using the method according to the invention for generating a fluid-volume flow and for compressing a fluid, and to the use of a fluid energy machine according to the invention for refuelling a motor vehicle. The fluid energy machine comprises a crank drive (20) and a drive device (10) that is mechanically connected to the crank drive (20), by means of which drive device a torque can be introduced into the crank drive (20), as well as a piston-cylinder unit (30), the piston (32) of which is mechanically connected to the crank drive (20). The drive device (10) comprises two electric motors (50, 60), the respective output members (51, 61) of which are mechanically connected to the crank drive (20).

IPC 8 full level

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Citation (examination)

- US 2698394 A 19541228 - BROWN ARTHUR E
- US 868362 A 19071015 - PRIEST EDWARD D [US]
- See also references of WO 2016113120A1

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