

Title (en)
POWER UNIT

Title (de)
STROMAGGREGAT

Title (fr)
UNITÉ D'ALIMENTATION

Publication
EP 4114678 A1 20230111 (DE)

Application
EP 21709969 A 20210303

Priority
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• EP 2021055363 W 20210303

Abstract (en)
[origin: CN113357001A] A power unit for a hybrid vehicle is provided with a twin-cylinder reciprocating piston engine, which has two pistons which are guided in two cylinders 1,2 in tandem arrangement, two counter-directional crankshafts 3,4 which are connected with the pistons by connecting rods; at least one generator 5 which is rotatable co-directionally to the first crankshaft 3 and counter-directionally to the second crankshaft 4; a camshaft 6 with valve cams 7 which are operatively connected with control valves 8. The power unit is characterized in that a flywheel mass element 21 arranged on the second crankshaft 4 or on a flywheel mass compensating shaft, and a compensating camshaft 10 are provided, wherein the compensating camshaft includes at least one compensating cam element 11 which is operatively connected with a linearly guided compensating mass 13.

IPC 8 full level
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