

Title (en)  
PARAMOTOR

Title (de)  
PARAMOTOR

Title (fr)  
PARAMOTEUR

Publication  
**EP 2300320 A1 20110330 (EN)**

Application  
**EP 08874634 A 20081226**

Priority  
• RU 2008000803 W 20081226  
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Abstract (en)  
[origin: WO2009151351A1] Engineering task, the present invention focuses on, is to elaborate paramotor detachable design able to form compact luggage in disassembled condition, easy transportable either by car or by air or easy portable for man which will provide for paramotor transportation without any transport means. Pilot will be able to get to off- road takeoffs all by itself and get out of such places unassisted in cases of emergency landing. Paramotor incorporates a frame, power unit, power unit controls, detachable propeller installed on power unit take-off shaft, pilot's harness attached to the frame with mating back and seat, draft belts for jointing to free ends of powered paraplane and for pilot's safety, and distance bars for moving apart of the draft belts for jointing to the free ends of the powered paraplane above the pilot's harness seat in the line of its length. The frame consists of motor and bearing parts. On one side of the motor part there is the power unit fixed, on the other side there is pilot's harness attached. The motor and bearing parts are made with solid lateral sides and are linked hinged or detachably. The lateral sides of the motor and bearing parts should be spaced partially at least alongside geometry edges obtained by planes conjugating of four lateral faces of a figure. In volume of this figure there is power unit.

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