

Title (en)  
EXERCISE MACHINE FOR A USER IN THE ERECT POSITION

Title (de)  
ÜBUNGSGERÄT FÜR EINEN SICH IN AUFRECHTER LAGE BEFINDENDEN GEBRAUCHER

Title (fr)  
EXERCISEUR S'UTILISANT EN POSITION DEBOUT

Publication  
**EP 0951318 A1 19991027 (EN)**

Application  
**EP 98950255 A 19981109**

Priority  
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• IT BO970665 A 19971110

Abstract (en)  
[origin: WO9924121A1] An exercise machine (1) comprises a pair of plane kinematic mechanisms (3), parallel, which respectively include foot rests (2); first cranks (4) able to rotate around a fixed horizontal gudgeon (5); sliding means (6, 7; 100, 101) and first connecting rods (8) articulated on one side to the first cranks (4) and connected on the other side to the sliding means (6, 7; 100, 101). The first connecting rods (8) support the foot rests (2) in proximity with the sliding means (6, 7; 100, 101) and are connected with said foot rest (2) in such a way that in correspondence with the cyclical and alternating oscillation of the first connecting rods (8) in the vertical plane, the foot rests (2) move swinging along closed annular trajectories (9). Orienting means (10, 12; 13) orient the foot rests (2) setting them to sustain the user in the erect position providing him/her with adequate support during the running and/or walking actions. The orienting means (10, 12; 13) are designed to orient the foot rests (2) along the related trajectory (9) parallel to the sole of the user's foot, constantly to provide a support distributed over the entire sole of the foot.

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IPC 8 full level  
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