

Title (en)
DEVICE FOR HELPING A PERSON TO WALK

Title (de)
VORRICHTUNG ZUR ERLEICHTERTEN FORTBEWEGUNG FÜR EINE PERSON

Title (fr)
DISPOSITIF POUR FACILITER LA MARCHE D'UNE PERSONNE

Publication
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Application
EP 00954537 A 20000719

Priority
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• EP 0006897 W 20000719

Abstract (en)
[origin: US6719671B1] What is described here is a device for facilitating the locomotion of a person by himself or herself by means of a spring system for removable attachment to both legs of the person, which spring system enables the person, by compression and deflection of at least one spring element, to walk on the ground by jumping step by step. The invention is distinguished by the provisions that the spring element is a leaf spring having an arc-shaped configuration, on the concave side of which a leverage mechanism is provided that is fixedly connected for rotation to the leaf spring via two separate fixing means and a base plate on which the respective foot of the person may be placed and which is connected, on the one hand, via at least one rotary pin bearing and one connecting rod to the first fixing means and, on the other hand, to the other fixing means either directly or via a central support rigidly connected to the base plate.

IPC 1-7
A63B 25/10

IPC 8 full level
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CPC (source: EP US)
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Cited by
CN104922852A; CN102688579A

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WO 0105469 A1 20010125; AT E244037 T1 20030715; DE 19934014 A1 20010208; DE 50002752 D1 20030807; EP 1196220 A1 20020417; EP 1196220 B1 20030702; ES 2202160 T3 20040401; US 6719671 B1 20040413

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