

Title (en)
GRAVITATIONAL FOOTWEAR (VARIANTS) AND SPRING UNIT

Title (de)
GRAVITATIONSSCHUHWERK (VARIANTEN) UND FEDERUNGSEINHEIT

Title (fr)
CHAUSSURE GRAVITATIONNELLE (VARIANTES) ET UNITÉ RESSORT

Publication
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Application
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Priority
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Abstract (en)
[origin: US2011308105A1] The supporting element of gravity footwear, made up in the form of a shoe, a boot etc. with accumulation of energy, caused by deflecting, comprising flexure spring, the topmost of the shoe equipped with fixing device, joined to the spring, sole and other elements of the shoe, is made up in the form of a heel, or a heel and a sole, or a sole, gravitational effect on the spring is communicated by a cuff and/or a stiff cover as well as out of any other soft suspending element, wherein the distance between the ends of the spring when load is not applied to the spring is greater than the distance between a point of suspending and the lowest point of the user's foot, the spring is equipped with a fixing device. The heel is a supporting element within the spring unit, jointly used with conventional footwear as a device, intended to accumulate energy and comprising a flexure spring, joined through the element, which communicates gravitational effect on the spring and the user's foot. When the spring is compressed the sole is an additional supporting element.

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Citation (search report)

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