

Title (en)  
LOAD ADJUSTMENT SYSTEM FOR GYMNASTIC MACHINES AND TENSIONING AND RETURNING DEVICE FOR SAID ADJUSTING SYSTEM

Title (de)  
LADEANPASSUNGSSYSTEM FÜR GYMNASTISCHE MASCHINEN UND SPANNUNGS- UND RÜCKLAUFVORRICHTUNG FÜR EIN SOLCHEN SYSTEM

Title (fr)  
SYSTÈME D'AJUSTEMENT DE CHARGE POUR MACHINE DE GYMNASTIQUE ET SYSTEME DE TENSION ET RETOUR POUR DIT SYSTÈME D'AJUSTEMENT

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Application  
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Priority  
IT UB20154086 A 20151005

Abstract (en)  
[origin: EP3153215A2] The present invention concerns a system (5) for adjusting a load (41) movable along a vertical direction (A) for gymnastic machines (1) provided with a frame (2), said system (5) comprising a supporting member (6) of said mobile load (41), provided with a plurality of adjustment holes (61 a, 61 b, ..., 61 n), said movable load (41) consisting of a plurality of weights (41') arranged stacked and selectively selectable, a selector member (7) intended to be inserted in one of said adjustment holes (61 a, 61 b, ..., 61 n) of said supporting member (6), in order to select a group of said weights (41'), adjusting said movable load (41), and a string (8) having an end fixed to said selector member (7), said system (5) being characterized by comprising tensioning means (9) of said string (8), to keep said string (8) in tension when said selector member (7) is inserted in one hole of said plurality of adjustment holes (61 a, 61 b, ..., 61 n), and to return said selector member (7) when it is disengaged from said plurality of adjustment holes (61 a, 61 b, ..., 61 n). The present invention also concerns a tensioning and returning device (9).

IPC 8 full level  
**A63B 21/062** (2006.01)

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Citation (search report)

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