

Title (en)  
Machine for muscle training with progressive resistance

Title (de)  
Maschine für Muskeltraining mit progressivem Widerstand

Title (fr)  
Machine d'entraînement musculaire à résistance progressive

Publication  
**EP 1749554 A1 20070207 (EN)**

Application  
**EP 06425534 A 20060728**

Priority  
IT PG20050038 A 20050801

Abstract (en)  
The invention concerns a machine (1) for muscle training, comprising a bearing structure (2), to which a barbell (10) is slidingly connected and can move vertically downward as a consequence of the application of a force and is connected to a plurality of elastic elements (8), which, as a consequence of the downward movement of said barbell (10), are loaded with elastic energy and tend to take it back to its starting position, said elastic elements (8) being progressively engaged in an amount proportional to the distance covered from said barbell (10) in its downward movement, until the elastic energy they accumulate is sufficient for counterbalancing the force working on said barbell (10).

IPC 8 full level  
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Citation (search report)  
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